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ANNUAL REPORT
OF THE
BUREAU OF INDUSTRIES
FOR THE
PROVINCE OF ONTARIO.
1891.

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Ontario Industries, Bureau of
10th

ANNUAL REPORT

OF THE

BUREAU OF INDUSTRIES

FOR THE

PROVINCE OF ONTARIO

1891.

PRINTED BY ORDER OF THE LEGISLATIVE ASSEMBLY.



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1892.

TENTH ANNUAL REPORT
OF THE
BUREAU OF INDUSTRIES
1891.

TO THE HONORABLE JOHN DRYDEN, MINISTER OF AGRICULTURE:

Sir,—I have the honor to submit herewith the tenth annual Report of the Bureau of Industries for the Province of Ontario, consisting of:


- I. The Weather and the Crops ;
- II. Live Stock, the Dairy and the Apiary ;
- III. Values, Rents, and Farm Wages ;
- IV. Loan and Investment Companies ; and
- V. Chattel Mortgages.

I have the honor to be, Sir.

Your obedient servant,

C. C. JAMES, Secretary.

TORONTO.



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ANNUAL REPORT

OF THE

ONTARIO BUREAU OF INDUSTRIES.

PART I.

THE WEATHER AND THE CROPS.

THE WEATHER.

Meteorological tables throw a good deal of light upon the fate of the crops—for temperature, sunshine and precipitation have a close partnership with the soil in determining the quantity and quality of vegetable products. Therefore records of heat, light and moisture, and the extent of the covering of snow during winter, invite the attention of those who would understand the agricultural operations of the year, and hence the interest and importance attaching to the weather tables following.

TEMPERATURE. The table following shows the temperature from April to September, inclusive, (the growing season for the bulk of our crops) at ten well distributed stations, the figures being for 1890 and 1891, together with the average for the ten years 1882-91 :

Months. ↘	Saugeen.	Birnam.	London.	Woodstock.	Stony Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Rockliffe.	Province average.
	°	°	°	°	°	°	°	°	°	°	°
April.... {	40.50	44.53	47.24	44.81	47.47	43.24	41.93	39.77	42.94	37.30	42.97
1890.... {	38.92	43.16	46.09	43.72	46.09	42.31	40.33	38.83	39.64	36.08	41.52
1882-91 {	38.58	41.13	43.28	41.96	43.17	40.91	39.22	37.73	39.78	36.41	40.22
May {	48.08	51.61	56.17	52.75	54.99	51.51	52.10	50.65	53.21	48.40	51.94
1890.... {	47.07	50.80	53.91	51.63	52.26	50.01	48.57	48.37	50.31	47.11	50.00
1882-91 {	49.18	53.77	54.93	53.44	53.61	51.89	52.29	51.61	55.02	50.60	52.63
June {	62.80	65.61	70.38	65.63	66.88	64.34	64.69	64.41	66.48	63.10	65.43
1890.... {	62.53	66.30	66.67	67.95	69.34	65.31	65.42	65.77	64.37	62.57	65.62
1882-91 {	59.74	64.09	65.12	64.56	65.19	62.59	63.07	62.65	65.52	61.00	63.35
July {	61.30	63.44	66.79	63.84	67.70	63.69	62.35	62.73	64.15	61.00	63.70
1890.... {	65.46	67.47	67.21	68.23	71.64	67.34	65.02	66.88	67.42	64.18	67.19
1882-91 {	63.52	67.18	68.10	67.71	69.94	67.11	65.97	65.98	68.31	64.09	66.79
Aug. {	63.01	65.70	67.95	65.66	68.08	65.56	64.21	62.57	65.44	59.88	64.81
1890.... {	61.43	63.45	63.20	64.17	67.19	64.49	61.89	62.40	64.14	58.27	63.06
1882-91 {	62.54	64.81	65.32	64.78	67.86	65.34	63.32	63.10	65.33	60.84	64.32
Sept. {	60.31	62.37	64.46	62.54	64.78	62.49	60.78	60.45	61.55	55.55	61.53
1890.... {	54.15	57.66	59.39	57.42	59.71	57.46	56.07	55.41	56.08	51.18	56.45
1882-91 {	56.64	59.63	59.36	58.68	60.98	58.72	56.42	56.49	57.41	53.30	57.76
Ave. for 6 m'ths. {	55.99	58.88	62.16	59.21	61.65	58.47	57.68	56.76	58.96	54.21	58.40
1890.... {	54.93	58.14	59.41	58.15	61.04	57.82	56.38	56.28	56.99	53.23	57.31
1882-91 {	55.03	45.44	59.35	58.52	60.12	57.75	56.72	56.26	58.56	54.37	57.51

The average of the Province for the six months was 58.40° , being 1.09° above that of the previous year and $.89^{\circ}$ more than the average of the six months during the ten years. Every station exceeded its own temperature for the six months in the preceding year, and Rockliffe was the only place that failed to equal its record for the ten years. For the whole Province, April was well ahead of its average in both 1890 and 1882-91. May exceeded its own temperature of the previous year, but did not reach the average of the month for the ten years. Although June did not equal the figures of 1890, the temperature was 2.08° ahead of its average for the years 1882-91, and it was the hottest month of the year 1891. July, on the other hand, was a comparatively cold month, the temperature averaging 63.70° , against 67.19° in the preceding year and 66.79° in 1882-91. August had a higher average temperature than in 1890 or the average of the ten years. The thermometer ranged abnormally high during September, the average for the Province marking 61.51° , or 5.08° higher than in the previous year and 3.77° more than the average for the ten years.

SUNSHINE. The following table gives the record of sunshine at five stations during the six months April—September for the years 1890 and 1891, and also the average for the nine years 1883-91. The hours of possible sunshine placed in the last column are calculated for latitude 45° :

Months.	Woodstock.	Toronto.	Barrie.	Lindsay.	Kingston.	Province averages.	Sun above horizon in Lat. 45° .
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
April	1891....	186.1	195.3	176.1	210.5	185.3	190.7
	1890....	199.0	229.3	169.1	223.4	229.0	210.0
	1883-91.	191.6	196.3	167.2	206.0	193.6	190.9
							} 406.4
May	1891....	245.4	236.0	213.8	227.4	225.2	229.6
	1890....	182.6	184.7	143.7	172.6	189.0	174.5
	1883-91.	206.9	222.1	197.1	219.4	216.9	212.5
							} 461.1
June	1891....	247.3	242.4	234.4	271.7	231.6	245.5
	1890....	253.5	265.7	238.4	252.8	263.3	254.7
	1883-91.	240.2	261.2	227.2	258.9	243.3	246.2
							} 465.7
July	1891....	275.7	247.7	231.0	242.4	249.2	249.2
	1890....	289.8	301.3	243.1	272.9	292.0	280.4
	1883-91.	268.9	285.3	253.1	276.7	267.1	270.2
							} 470.9
Aug	1891....	222.0	220.5	205.9	207.6	230.7	217.3
	1890....	240.5	249.5	218.7	229.7	234.8	234.6
	1883-91.	229.7	250.4	213.8	233.3	246.3	234.7
							} 434.5
Sept.....	1891....	231.0	251.7	220.3	237.6	214.5	231.0
	1890....	197.2	209.4	169.5	210.2	189.4	195.2
	1883-91.	201.6	216.4	152.1	208.4	200.5	195.8
							} 376.3
Totals	1891....	1,407.5	1,393.6	1,281.5	1,397.2	1,336.5	1,363.3
	1890....	1,362.6	1,442.9	1,182.5	1,361.6	1,397.5	1,349.4
	1883-91.	1,338.9	1,431.7	1,210.5	1,402.7	1,367.7	1,350.3
							} 2,614.9

Out of 2,614.9 possible hours of sunshine for the whole Province during the six months, 1,363.3 hours were registered, being 13.9 more than in 1890 and 13.0 more than the average for the nine years. There was a decrease of sunshine in April, June, July and August compared with their respective records of both 1890 and 1883-91, but the increase of sunshine in May and the unusual brightness of September lifted the total of the six months to the high place above quoted. Woodstock experienced more sunshine than any other station, 1,407.5 hours being registered, while Barrie had the least, only 1,281.5 hours being observed. At every station except Kingston there was more sunshine recorded in September than in August.

PRECIPITATION. The following table gives the fall of rain and snow by districts during what may be regarded as the winter months, for the years 1890 and 1891, together with the average for the ten years 1882-91 :

Months.	West and southwest.		Northwest and north.		Centre.		East and northeast.		Province averages.		
	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	
	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	
November	1890...	2.92	2.9	1.73	6.5	3.38	3.0	1.82	4.9	2.46	4.3
	1889...	2.91	9.1	1.76	13.6	2.53	9.1	2.29	12.3	2.37	11.0
	1882-90	2.43	6.2	2.04	13.8	2.30	5.5	1.96	9.1	2.18	8.6
December	1890 ..	0.31	25.1	0.84	25.7	0.13	15.2	0.11	14.2	0.35	20.1
	1889 ..	3.99	0.3	2.35	13.2	4.01	2.1	2.45	9.5	3.20	6.3
	1882-90	1.45	15.5	1.20	22.3	1.37	12.1	1.04	14.7	1.27	16.1
January	1891 ..	1.59	8.0	0.93	16.4	1.84	13.2	1.11	18.1	1.37	13.9
	1890 ..	3.44	4.7	1.93	25.5	2.78	8.9	2.19	12.6	2.59	12.9
	1882-91	1.40	15.9	1.09	28.5	1.39	17.9	1.06	22.0	1.24	21.1
February	1891 ..	2.73	6.2	1.28	18.4	1.72	12.9	1.35	15.5	1.77	13.3
	1890 ..	1.82	6.2	0.85	20.7	1.88	9.1	1.86	15.4	1.60	12.9
	1882-91	1.79	10.7	0.78	22.0	1.37	11.9	0.90	18.5	1.21	15.8
March	1891 ..	1.48	13.4	0.50	24.8	1.43	17.7	2.44	23.1	1.46	19.7
	1890 ..	1.05	11.1	0.59	17.5	0.86	10.8	0.74	13.1	0.81	13.1
	1882-91	1.28	11.0	0.81	15.0	1.12	10.8	1.01	15.1	1.05	13.0
Total	1891 ..	9.03	55.6	5.28	91.8	8.50	62.0	6.83	75.8	7.41	71.3
	1890 ..	13.21	31.4	7.48	90.5	12.06	40.0	9.53	62.9	10.57	56.2
	1882-91	8.35	59.3	5.92	101.6	7.55	58.2	5.97	79.4	6.95	74.6

In considering this table it should be remembered that an inch of rain is the equivalent of ten inches of snow, which fact will go to show that the heavy precipitation of snow over the whole Province compared with that of the previous year is more than discounted by the rainfall of the earlier period. On the other hand, while the fall of snow does not equal that of the average of ten years' period, the precipitation of rain puts the balance in favor of the year 1891. November was marked by a heavy rainfall and very little snow. December, on the contrary, had hardly any rain while 20.1 inches of snow fell. January and February had very little out of the ordinary to mark them, but March had a greater fall of rain than usual and a heavy precipitation of snow. For the five months the north-west and north district had 91.8 inches of snow, while the west and southwest had but 55.6 inches.

The extent of drouth or rainfall during the growing weather, however, is of the greatest importance. The table following gives the precipitation for each of the six months April—September, together with the total for the season and also the average for the ten years 1882-91 :

Month.	West and southwest.		Northwest and north.		Centre.		East and northeast.		Province averages.	
	1891.	1882-91.	1891.	1882-91.	1891.	1882-91.	1891.	1882-91.	1891.	1882-91.
	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.
April	1.74	1.71	2.04	1.45	1.81	1.60	1.49	1.41	1.77	1.54
May	1.48	3.16	0.66	2.44	0.62	2.52	1.53	2.41	1.07	2.63
June	1.98	3.28	1.11	2.72	2.49	3.09	1.76	2.77	1.84	2.97
July	3.17	2.58	3.87	2.62	2.84	2.35	4.12	3.01	3.50	2.64
August	3.78	2.79	4.18	2.74	4.14	2.50	3.64	2.73	3.93	2.69
September....	2.22	2.33	2.34	2.91	2.07	2.38	1.48	2.46	2.03	2.52
Totals	14.37	15.85	14.20	14.88	13.97	14.44	14.02	14.79	14.14	14.99

The months of April, July and August exceeded their respective averages for the ten years in the matter of rainfall, but the precipitation in each of the other three months was not so large as usual, the result being that the total rainfall for the Province during the six months was 14.14 inches, or .85 inch below the average for the years 1882-91. May and June gave two months in succession of unusual dryness, and July and August followed together with a remarkably large amount of moisture. The most rain was gauged in the centre district, where 15.97 inches were recorded in the six months, while the least rainfall was observed in the east and northeast district, being only 14.02 inches.

THE CLIMATE OF THE RAINY RIVER DISTRICT. As much attention is being directed to the lands lying to the north and east of the Rainy river and Rainy lake, it will doubtless prove interesting to place here for reference and comparison some observations made by Mr. W. Woods, of Little Forks, Rainy Lake, a correspondent of the Meteorological Department.

Rainy River and Rainy Lake lie between degrees 48 and 49 north latitude. They are therefore about 350 miles farther north than the city of Toronto, and 440 miles farther north than the southern boundary of Essex county.

An interesting comparison may be made between the accompanying table and those previously given for the Province. It will be noticed as being most remarkable that the average temperature of the lake district for the six months, April to September, 1891, was 56.1°, while the average of the ten stations in the older portion of the Province was 58.4°. Although situated so much further north than the older settled districts, the average temperature of the growing months was only 2.3° lower during the past year. The difference in rainfall and snowfall between the Rainy lake region and the older Province is quite noticeable. During the five months, November, 1890, to March, 1891, 7.41 inches of rain and 71.3 inches of snow fell in the Province on an average; whereas at Rainy Lake only 0.05 inches of rain and 46.7 inches of snow are reported. During the six months, April to September, 1891, the rainfall of the Province averaged 14.14 inches, whereas at Rainy Lake the extraordinary amount of 39.75 inches is reported. This would seem to indicate the appropriateness of the name *Rainy* applied to that district, but the name is in reality an English corruption of the French *Rene*.

The prevailing winds were from the west and southwest, with north and northwest principally in the winter months. Only two fogs were noticed in fourteen months.

NOTES FROM REGISTER AT RAINY LAKE, 1890-91.

1890—October 24th—Geese flying south.

November 3rd—Farmers still plowing.

“ 15th—Navigation still open.

“ 22nd—Navigation closed. Indians say this was the finest autumn since 1876.

“ 29th—First snow to remain.

December 20th—Ice on Rainy River broke up.

“ 21st—River clear.

“ 23rd—River frozen up.

1891—March 11th—First thaw.

“ 20th—Rainy River open at Little Fork.

“ 21st—First rain of season.

April 11th—No snow on ground except in sheltered spots.

May 3rd—Last snow.

May 8th—First thunderstorm.

June 3-4—Hard frost.

July 7th—Frost. Thermometer 35°.

October 3rd—First time thermometer registered 32° this autumn.

“ 26th—First snow.

November 11th—Navigation closed on Rainy River.

“ 12th—Plowing stopped.

“ 16th—First record below zero.

Abstract of the results of Meteorological Observations at Little Forks (Rainy lake) from November, 1890, to December, 1891,
inclusive :

		Temperature.										Winds from										Rain.		Snow.		Number of fogs.	Number of thunder storms.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Mean.	Highest.	Lowest.	Mean daily range.	Greatest daily range.	Mean temperature of warm-est day.	Mean temperature of cold-est day.	Mean dew point.	Mean relative humid-ity.	Mean amount of sky clouded.	Mean force of wind.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Calm.	Amount.	Days.	Amount.	Days.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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FARM LANDS OF THE PROVINCE.

1892 RURAL AREA ASSESSED. The following table shows the acreage assessed in townships which are municipally organised, the total for the province being given for all classes of land in 1890 and 1891. The acreage assessed and the number of acres of woodland and swamp and waste land are also given by county groups for 1890, while the acreage cleared is given by groups for both 1890 and 1891 :

Districts.	Acres assessed.			Acres cleared.		Acres woodland.	Acres swamp marsh or waste.	Per cent. cleared.
	Resident.	Non-resident.	Total.	1891.	1890.			
Lake Erie.....	2,275,536	53,702	2,329,238	1,411,160	1,397,825	816,638	101,440	60.6
Lake Huron.....	2,221,126	51,790	2,272,916	1,353,225	1,328,701	698,436	221,255	59.5
Georgian Bay....	1,941,017	78,795	2,019,812	1,065,043	1,041,859	750,835	203,934	52.7
West Midland....	3,216,060	35,831	3,251,891	2,315,034	2,293,009	631,753	305,104	71.2
Lake Ontario....	3,000,516	42,990	3,043,506	2,306,834	2,300,619	501,897	235,275	75.8
St. Law. & Ottawa	5,032,020	275,804	5,307,824	2,342,351	2,301,436	2,197,733	767,740	44.1
East Midland....	2,512,690	139,639	2,652,329	843,948	839,472	1,443,032	365,349	31.8
North'n Districts.	1,390,597	267,870	1,658,467	164,892	155,778	1,336,938	156,637	9.9
The Province. { 1891..	21,589,562	946,421	22,535,983	11,802,487	.....	8,376,762	2,356,734	52.4
{ 1890..	21,455,126	963,155	22,418,281	.....	11,658,699	8,343,447	2,416,135	52.0

The rural area of the province assessed in 1891 was 22,535,983 acres, being an increase of 117,702 over the previous year, notwithstanding a decrease of 16,734 in the number of acres of non-resident land. 52 per cent., or a trifle over half, is cleared, an increase of area in this respect being observed in every district. The increase in the acreage of woodland is mainly due to the addition of newly organised districts. There is a slight decrease in the area of waste and swamp land.

AREA IN PASTURE. The subjoined table gives the number of acres in pasture by county groups and for the province in each of the five years 1887-91, and also the percentage of cleared land in pasture in 1891 :

Year.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1891.....	269,189	381,578	234,623	530,858	379,627	693,923	201,289	30,194	2,721,281
1890.....	246,107	339,984	214,561	513,612	369,063	641,597	195,303	21,865	2,542,092
1889.....	249,623	319,428	221,087	511,618	410,416	685,401	191,194	19,195	2,607,962
1888.....	239,330	307,879	213,925	504,840	406,620	665,139	179,823	18,048	2,535,604
1887.....	240,586	296,316	204,903	512,349	404,893	667,034	186,850	16,008	2,528,939
Per cent. of cleared land in 1891	19.1	28.2	22.0	22.9	16.5	29.6	23.9	18.3	23.0

The acreage of pasture land is now 2,721,281, which is 179,189 acres more than in the previous year, there being an increased area of pasture in every group. The St. Lawrence and Ottawa group still maintain its lead, these fine dairying counties having a percentage of 26.6 acres of the cleared land in pasture. The Lake Huron counties come next. The Lake Ontario group falls below all the others in the number of acres in pasture to the 100 acres cleared.

AREA IN CROPS. The number of acres under staple field crops is given in the appended table for each of the five years 1887-91, together with the averages for the past six and ten years respectively. The column for 1885-91 is given so as to keep the table uniform with that showing values in Part III :

Field Crops.	1891.	1890.	1889.	1888.	1887.	1885-91.	1882-91.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.
Fall wheat.....	849,956	720,101	822,115	826,537	897,743	839,713	902,846
Spring wheat.....	510,634	601,753	398,610	367,850	484,821	534,371	563,547
Barley	553,166	701,326	875,286	895,432	767,346	732,315	743,245
Oats.....	1,840,636	1,882,366	1,923,444	1,849,868	1,682,463	1,763,489	1,663,205
Rye.....	67,865	103,061	90,106	84,087	68,362	79,936	103,636
Peas.....	752,453	781,206	708,068	696,653	726,756	716,450	668,962
Corn.....	241,086	223,836	187,116	222,971	163,893	194,747	195,878
Buckwheat.....	107,879	90,111	56,398	57,528	64,143	72,661	69,230
Beans.....	41,451	39,456	21,830	22,700	20,275	27,348	26,201
Potatoes.....	160,218	158,094	145,812	153,915	140,283	151,172	155,449
Mangel-wurzel....	22,961	25,953	21,211	21,459	17,924	20,588	19,546
Carrots.....	9,858	11,977	11,261	11,524	9,110	10,289	10,428
Turnips.....	126,075	111,055	111,103	113,188	105,322	109,711	104,943
Hay and clover	2,549,975	2,462,002	2,386,223	2,292,638	2,280,643	2,362,103	2,290,495
Total.....	7,834,213	7,912,297	7,758,583	7,616,350	7,429,084	7,614,893	7,517,606

The total acreage in field crops is 7,834,213, being 78,084 acres less than in the previous year, but more than in any other year of the table. Fall wheat had a larger area than in any year since 1887, but spring wheat falls below its record of 1890. Barley, oats, rye and peas also show a decrease in their respective acreages compared with the previous year, while corn, buckwheat and beans exhibit a decided increase. Of the root crops potatoes and turnips have a wider area than in any other year, while mangels and carrots fall below their acreages of 1890. Hay and clover has the largest area of any year on record. The areas of fall and spring wheat, barley, rye and carrots fall below their respective averages for the ten years, but all the others show an increase.

The following table gives the acreage by county groups and for the province, of all the crops mentioned in the preceding table, and for the same periods :

Year.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1891.....	990,197	844,278	696,561	1,504,482	1,635,753	1,463,449	571,755	127,738	7,834,213
1890.....	996,955	851,934	696,361	1,539,165	1,669,314	1,474,437	569,117	115,014	7,912,297
1889.....	949,859	812,757	719,473	1,481,308	1,667,961	1,450,920	582,343	93,962	7,758,583
1888.....	958,486	801,218	690,243	1,489,263	1,635,315	1,402,502	551,102	88,221	7,616,350
1887.....	932,076	781,833	656,194	1,455,376	1,609,981	1,371,322	539,460	82,852	7,429,084
Average—									
1885-91	952,513	803,837	678,956	1,477,630	1,627,625	1,418,107	560,172	96,053	7,614,893
1882-91	933,772	787,088	669,133	1,464,600	1,616,760	1,397,819	558,133	90,301	7,517,606

A slight increase is noticed in the Georgian Bay and East Midland groups and in the Northern Districts compared with the previous year, but the five other groups exhibit a decrease. All of the districts however exceed their respective acreages of both the seven and ten years periods.

PROPORTIONAL AREAS UNDER CROP. The following table shows the relative distribution of the various crops per 1,000 acres cleared, by county groups and for the province, in 1890 and 1891, together with the average for the ten years 1882-1891 :

Districts.		Fall Wheat.	Spring Wheat.	Barley.	Oats.	Rye.	Peas.	Corn.	Buckwheat.	Beans.	Hay and Clover.	Potatoes.	Mangel-wurzels.	Carrots.	Turnips.	Total.
Lake Erie.	1891	163.9	9.5	23.9	122.1	5.4	46.7	71.6	9.9	23.2	211.4	10.3	1.3	.6	1.9	701.7
	1890	138.6	16.8	33.7	132.9	10.0	60.2	71.5	8.6	21.7	205.0	10.5	1.2	.7	1.8	713.2
	'82-91	169.9	9.5	29.4	127.1	8.8	47.3	72.5	8.1	13.8	211.2	12.2	1.0	.5	1.7	713.0
Lake Huron	1891	97.6	21.7	33.7	154.9	.8	72.7	11.3	1.4	.8	205.1	9.9	2.1	.7	11.2	623.9
	1890	81.1	22.8	49.9	168.4	1.3	79.0	10.2	1.8	.6	203.7	9.6	2.5	.8	9.5	641.2
	'82-91	119.4	29.3	49.7	151.5	.8	68.1	8.8	1.0	.5	196.0	10.6	2.0	.8	10.6	649.1
Georgian Bay	1891	69.5	51.1	37.7	167.1	2.2	85.6	2.9	1.5	.3	206.2	14.0	.8	.8	14.3	654.0
	1890	64.0	67.7	44.5	170.5	3.9	82.6	3.2	1.5	.4	201.4	13.6	1.2	1.1	12.8	668.4
	'82-91	80.7	74.3	53.1	158.0	2.9	80.4	1.7	.8	.2	196.9	14.0	1.0	1.1	12.8	677.9
West Midland.	1891	98.4	29.7	49.5	167.3	1.2	67.0	14.4	1.2	.3	188.3	11.6	3.6	.8	16.6	649.9
	1890	84.9	31.4	62.0	177.5	2.5	74.5	14.7	1.3	.4	189.1	12.1	3.9	1.1	15.8	671.2
	'82-91	115.2	35.3	60.0	156.6	2.2	62.6	13.1	1.1	.5	186.7	12.2	2.9	1.0	15.9	665.3
Lake Ontario.	1891	65.2	70.0	88.3	140.4	9.2	77.8	15.7	15.1	.8	192.9	14.5	2.1	.8	16.3	709.1
	1890	53.5	85.0	111.6	142.2	12.3	78.8	15.1	11.9	1.1	181.5	14.6	2.6	1.3	14.1	725.6
	'82-91	70.8	73.8	127.2	129.1	14.1	68.6	13.6	8.2	.9	182.6	14.2	2.3	1.2	13.3	719.9
St. Lawrence and Ottawa.	1891	5.2	45.1	28.0	175.0	9.1	38.7	17.3	15.7	1.8	267.6	17.1	.9	.9	2.4	624.8
	1890	4.3	54.6	34.6	178.8	12.9	37.2	12.5	14.5	1.6	268.7	16.7	1.1	.9	2.3	640.7
	'82-91	7.4	53.3	42.4	176.2	15.0	42.4	9.7	13.1	1.5	256.6	17.8	.8	.7	1.9	638.8
East Midland.	1891	25.8	83.4	56.1	155.0	12.9	67.1	12.9	17.6	.7	218.4	14.9	2.2	1.0	9.5	677.5
	1890	27.7	79.1	72.4	146.4	22.5	66.8	11.4	11.2	.9	200.8	15.1	2.7	1.2	7.3	677.9
	'82-91	33.5	91.9	99.5	146.7	22.4	64.7	9.4	8.1	.7	195.2	15.4	1.6	1.0	7.3	697.4
Northern Districts.	1891	3.6	41.0	14.9	175.9	4.9	91.9	3.2	8.0	.9	379.2	27.3	.4	1.7	21.8	774.7
	1890	5.8	47.8	14.3	171.7	5.8	78.4	2.5	6.3	.7	363.9	25.7	.3	1.2	13.9	738.3
	'82-91	4.7	72.2	15.7	164.9	7.8	74.6	3.0	5.1	.7	364.3	25.8	.7	1.3	18.7	759.5
The Province	1891	72.0	43.3	46.9	156.0	5.7	63.8	20.4	9.1	3.5	216.1	13.6	1.9	.8	10.7	663.8
	1890	61.8	51.6	60.2	161.5	8.8	67.0	19.2	7.7	3.4	211.2	13.6	2.2	1.0	9.5	678.7
	'82-91	81.6	50.9	67.2	150.3	9.4	60.5	17.7	6.3	2.4	207.0	14.0	1.8	.9	9.5	679.5

For every 1,000 acres cleared in the province there are 663.8 under the crops named in the table. This is a decrease of 14.9 acres per 1,000 compared with the figures of the previous year, and is 15.7 acres per 1,000 less than the average for the ten years. The Northern Districts were the only group that equalled its own figures either for the previous year or for the 1882-91 period. Fall wheat, corn, buckwheat, beans, hay and clover and turnips show an increase compared with the previous year, but all the other crops reveal a decline, excepting potatoes, which had no change of figures. The Lake Erie counties have the largest proportional area under fall wheat, corn and beans. The West Midland group leads in mangel-wurzels and the Lake Ontario group in barley. The East Midland counties head the record for spring wheat, rye and buckwheat, but the Northern Districts have the largest proportional area for the following six crops: Oats, peas, hay and clover, potatoes, carrots and turnips.

FALL WHEAT.

The bulletin issued in November, 1890, stated that there had been a considerable increase in acreage, and that the condition of the ground at the time of sowing, except on clay land which was rather dry and stiff, was most suitable for a good start. The general appearance of the fields as correspondents wrote was such as to evoke frequent expressions of admiration. The chief cause for fear lay in the fact that the plant had made rather too rank a growth. Scattering mention was made of injury by the Hessian fly on early sown fields, and the wire-worm and white grub were reported in a few localities, but the prevailing opinion was that a better outlook for the new crop of fall wheat had never been reported during the first week of November.

The May bulletin had the following regarding the crop: "The reports from the western parts of the province, where most of the fall wheat is grown, are remarkably unanimous, and are very cheerful in tone. Excepting on undrained and "springy" land little damage was done by ice, and only here and there along the fences was there anything in the shape of smothering out by snow. In the Lake Erie and Lake Huron districts especially a number of correspondents are positively enthusiastic in their expressions of admiration of the present condition of the crop, the most promising, it is claimed, observed for many a year. In the four western districts no mention is made by correspondents of fall wheat having been plowed up. The reports from the eastern half of the province are not so favorable. The crop was thinned considerably on heavy land, and low lying fields suffered from ice. A considerable area is described as very 'patchy' in Durham, Northumberland, Prince Edward, Frontenac, Leeds and Grenville, Dundas and Victoria, and in the three Lake Ontario counties named from 10 to 25 per cent. is reported by some correspondents as having been plowed up in their immediate neighborhoods. Some of these writers, however, console themselves with the reflection that 'a half crop of fall wheat is as good as a full crop of spring wheat.' Scattering mention only is made of injury by insect pests. A Kent correspondent reports the crop as having been thinned on old sod by the wire-worm, and a Lambton correspondent also speaks of its presence. Odd mention is made of the Hessian fly in Elgin, Lambton, Huron and Simcoe, but the great majority of correspondents rejoice over the fact that the crop is free from injury by worm or fly."

The August bulletin stated that the bright expectations of spring had been fully realised, and that in the three points of yield, quality and housing the crop had an enviable record. In western Ontario the yield in most cases had been magnificent, ranging all the way from 15 to 55 bushels per acre. In the eastern part of the province, especially in those counties stretching from Durham to Stormont, a light yield was the rule, sometimes falling as low as 8 bushels to the acre, although even here some correspondents rejoiced in a yield of 30 bushels per acre. The average yield for the province was then estimated at 24.4 bushels to the acre. Nearly every correspondent had a favorable word to say regarding the plumpness and general quality of the berry, and instances were given of the grain weighing 63, 64 and 65 lb. per bushel. The straw was thin on the ground and was much shorter than usual, owing to cold weather and drouth during May and June, but the quality was reported as good. There was hardly any rust, and smut was spoken of in but two or three instances. Scarcely any mention was made of injury by insects, except scattering complaints about the Hessian fly from Essex, Welland, Lambton and Peterborough, and an odd reference to grasshoppers. Cutting began in Essex on the 6th of July but was hardly general throughout the province until the second last week of the month. The crop was got into the barn with little or no injury.

The November bulletin thus alluded to the crop: Fall wheat has turned out a remarkably fine crop—better than expected. It is undoubtedly the crop of the year. It averages 25 to 30 bushels per acre in many sections and weighs from 60 to 66 lb. per bushel, in many townships averaging 64 lb. Out of all our correspondence only 14 reports of an inferior crop have been received, 10 of which come from the east which produces less than one-fifth of the entire output. The following table gives the acreage

and yield by country groups and for the province in each of the years 1890 and 1891, together with the yearly average for the ten years 1882-91:

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per Acre.	Acres.	Bushels	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	231,292	5,940,500	25.7	193,716	3,635,817	18.8	222,484	4,269,869	19.2
Lake Huron.....	132,026	3,536,347	26.8	107,765	2,247,001	20.9	144,826	2,896,824	20.0
Georgian Bay	73,973	1,839,186	24.9	66,705	1,266,527	18.1	79,606	1,644,427	20.7
West Midland.....	227,652	6,405,516	28.1	194,682	4,289,221	22.0	253,471	5,191,035	20.5
Lake Ontario.....	150,465	3,515,869	23.4	123,101	2,308,261	18.8	158,983	3,236,886	20.4
St. Law. and Ottawa..	12,195	214,109	17.6	9,952	159,925	16.1	16,108	287,877	17.9
East Midland	21,753	407,012	18.7	23,276	404,429	17.4	26,809	521,448	19.5
Northern Districts...	600	13,949	23.2	904	16,202	17.9	559	10,869	19.4
Totals.....	849,956	21,872,488	25.7	720,101	14,267,883	19.8	902,846	18,059,235	20.0

The acreage of fall wheat in 1891 is larger by 129,855 than that of the previous year, although still below the average for the ten years 1882-91. A shrinkage is observed in the areas devoted to this grain in the East Midland and Northern Districts, but in every other group a decided increase is noticed in the breadth grown. The only group (excepting the newly settled Northern Districts) showing an increased acreage over its average for the ten years, however, is the Lake Erie district, which leads the West Midland counties this year in the matter of the largest area of fall wheat. The average yield per acre for the province for the year is 25.7 bushels, being 5.9 bushels more than in 1890, and 5.7 bushels above the average for the ten years. The West Midland group averaged 28.1 bushels per acre, while the yield in the St. Lawrence and Ottawa counties averaged only 17.6 bushels. The total yield of the province for the year is 21,872,488 bushels, which is over 50 per cent. greater than that of 1890, and 3,813,253 more than the average for the ten years.

THE NEW CROP OF FALL WHEAT. The acreage of fall wheat sown in 1891 is at least 15 per cent. greater than that sown in 1890, the increase being entirely in the western part of the province. The reasons assigned by correspondents for this increase are the following: The extraordinary fine results of the crop this year, the low price of barley the past summer, and the very favorable weather of September for sowing. Most of the land which had been specially prepared for fall wheat was in good condition, but a great deal of land has been put down to this crop that is dirty and poorly prepared as a consequence of the increased acreage. On the whole the condition of the land at sowing may be termed "fair." Sowing commenced in the latter part of August and continued up to the end of October, but most of it was done from the 5th to the 20th of September. The early sown made rapid growth, became too rank if anything, and in many sections now shows very yellow and appears in very poor form. The late sown came up very slowly and unevenly owing to the dry weather. The general condition at present is hardly equal to that reported in 1890. Wire-worm and rust are reported from a few sections, but not enough as yet to cause any alarm. The reports of Hessian fly are far more numerous, but in all cases the reason assigned is the yellowing of the crop which may be due to other causes. No one reports any direct evidence of the presence of the fly, and many reports are worded thus: "Early sown is yellowing, supposed to be due to the Hessian fly, but have not been able to find any." The varieties principally sown are the follow-

ing: Clawson (the favorite of the province) Democrat and Manchester in many districts; Hybrid-Mediterranean and Surprise in one or two districts, and small sowings of Canadian Velvet Chaff all over the west. A great many new varieties are being tested.

SPRING WHEAT.

Owing to the early part of April being wet, spring work was crowded into the latter part of the month, which was exceedingly fine and dry. Seeding was pushed forward in the west with vigor, and spring wheat was nearly all in by the 1st of May; but in the eastern part of the province the work was more backward.

The reports regarding the crop, made under date of August 8th, were generally of a most favorable character. Only a few fields of spring wheat had been cut, however, and harvesting was not expected to be general for about a week. The bulletin thus summarised the returns: "The crop will go considerably over the average in yield, and a plump and clean berry is assured. Casual mention only is made of rust or smut, and the Hessian fly has been heard of but rarely. The midge is spoken of in Grey, York, Durham and Renfrew, but only in a single instance in each county. One Victoria correspondent complains of damage by a green louse, and another reports the weevil as at work. It can be safely said, however, that it is many a year since so large a yield of spring wheat so generally free from injury from any cause has been reported upon. White Russian appears to be the most popular variety, while Colorado comes a good second. In the west Goose is in much favor, while all over the province the old white and red Fyfes are still largely grown. The names of other favorite kinds of spring wheat as given by correspondents would make a lengthy catalogue."

The November bulletin had the following: Spring wheat is grown principally in Eastern Ontario, and with very few exceptions is said to be a very fine crop. We have received many such reports as these: "Best crop in ten years," "Best crop in twenty years," "Best ever known." The table following gives the acreage and yield for 1890 and 1891, together with the average for the last ten years:

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.
Lake Erie.....	13,411	221,758	16.5	23,548	310,647	13.2	12,520	185,396	14.8
Lake Huron.....	29,413	610,312	20.7	30,245	469,332	15.5	35,577	512,455	14.4
Georgian Bay.....	54,568	1,071,181	19.6	70,508	934,079	13.2	73,323	1,090,219	14.9
West Midland.....	68,736	1,514,049	22.0	72,049	1,192,801	16.6	77,674	1,199,067	15.4
Lake Ontario.....	161,574	3,356,283	20.8	195,498	2,323,621	11.9	165,693	2,710,299	16.4
St. Law. and Ottawa.	105,704	2,494,112	23.6	125,660	1,407,723	11.2	116,614	1,945,087	16.7
East Midland.....	70,409	1,307,802	18.6	76,801	936,894	12.2	73,556	1,034,864	14.7
Northern Districts....	6,769	136,041	20.1	7,444	108,808	14.6	8,590	155,611	18.1
Totals.	510,634	10,711,538	21.0	601,753	7,683,905	12.8	563,547	8,882,998	15.8

A falling off in the acreage of fall wheat in every group leaves the total area only 510,634 acres compared with 601,753 in the previous year. The unusual yield of 21.0 bushels per acre, compared with 18.8 in 1890 and an average of 15.8 for the ten years, makes the total yield for the province a large one, despite the contracted area, the figures being 10,711,538 bushels in 1891 as against 7,683,905 in the previous year and an average of 8,832,998 for the ten years. The magnificent average yield of 23.6 bushels per acre was experienced in the St. Lawrence and Ottawa counties, while the smallest average yield was that of the Lake Erie group, being 16.5 bushels; but even this latter was .7 bushels more than the average of the province for the ten years.

BARLEY.

The spring returns were unanimous in reporting a shrinking acreage. The great barley growing counties running from Wellington to Prince Edward, especially experienced a falling off in the area given to the crop. Some correspondents placed the shrinkage in their respective localities as high as 35 and even 50 per cent., but the average for the province is about 21 per cent., or some 148,160 acres. The causes generally assigned for the reduced acreage were the McKinley Bill and the uncertainty of the markets.

The August bulletin had the following concerning barley: "Correspondents do not agree concerning this crop. In some localities it is reported as all cut and under cover, while in other places reaping had just started. In the case of two-rowed barley, however, little if any had been cut. While in several localities the crop appears to have suffered discoloration from wet weather, it is pleasing to know that the greater part of the cut was got into the barn untouched by rain and is of good color. Much difference of opinion is manifested by correspondents as to the benefits of growing the two-rowed barley. Some who have experimented with the samples sent out by the Ottawa Government are delighted with the result, while others speak very slightly of the new barley as compared with the old six-rowed. It is worthy of notice that while much of the six-rowed barley was cut and housed as correspondents wrote, a week or two more was needed to ripen the two-rowed variety. But while later the two-rowed sort this year gives promise of a greater yield than its six-rowed competitor. A comparison of quality cannot be given until threshing and marketing settle the dispute."

The following appeared in the November bulletin: "In regard to barley the acreage sown is becoming less, and reports are variable. The drouth retarded its early growth, and the wet weather at harvest affected its quality. The yield appears to be good, but the grain in the great majority of cases is badly colored. In regard to two-rowed barley the reports are divided. All agree that the past season has been exceptionally favorable for this crop. The correspondents speak only of the yield per acre and weight per bushel, nothing being mentioned, of course, as to its malting qualities. From Essex to Welland the reports are decidedly against it; from Lambton, Huron, Bruce, Grey and Simcoe the reports are slightly in favor; the central counties in the west give strong opinions on both sides; from Toronto through the Whitby and Bay of Quinte regions and in the vicinity of Ottawa more favorable reports have been received; in Victoria, Peterborough and the region to the north the majority of the opinions are against it." The table ensuing shows the acreage and yield for 1890 and 1891, and also the average for the ten years 1882-91:

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.
Lake Erie.....	33,771	856,901	25.4	47,045	966,480	20.5	38,514	949,150	24.6
Lake Huron.....	45,633	1,325,143	29.0	66,347	1,613,851	24.3	60,269	1,611,737	26.7
Georgian Bay.....	40,124	1,183,350	29.5	46,358	1,119,210	24.1	52,453	1,340,823	25.6
West Midland.....	114,653	3,543,512	30.9	142,206	3,806,364	24.8	132,079	3,766,110	28.5
Lake Ontario.....	203,705	5,859,191	28.8	256,753	5,268,439	20.5	285,669	7,459,220	26.1
St. Law. and Ottawa.	65,491	1,970,465	30.1	79,616	1,569,872	19.7	92,780	2,259,937	24.4
East Midland.....	47,333	1,341,597	28.3	60,772	1,208,642	19.9	79,617	1,918,291	24.1
Northern Districts....	2,456	61,745	25.1	2,229	47,311	21.2	1,864	44,083	23.6
Totals.....	553,166	16,141,904	29.2	701,326	15,600,169	22.2	743,245	19,349,351	26.0

The heavy falling off in the acreage of barley is a striking feature of the table. The area in 1891 is only 553,156 acres, compared with 701,326 in 1890, which means a

shrinkage of 148,160 acres, or fully 21 per cent., in a single year. This falling off in acreage has been very general, a decrease being noticed in every group except the Northern Districts, where the acreage of barley is unimportant. The splendid average yield of 29.2 bushels per acre, however, has put the total amount raised a good half million bushels more than that of 1890, although it falls below the average for the ten years by over three million bushels. The West Midland group went nearly 40 bushels per acre, and St. Lawrence and Ottawa counties averaged over 30 bushels, and only two out of the eight districts fell below the provincial average for the ten years.

OATS.

The August bulletin stated that the reports regarding this crop were favorable on the whole. Only a small portion of the crop had been cut as correspondents wrote, but an excellent yield was anticipated. The most hopeful reports came from the counties lying between Peel and the Ottawa river. The straw was described as short but clean, and while standing thin upon the ground it carried long heads well filled. On certain soils the seed had started unevenly owing to the drouth, and a corresponding unevenness was experienced in ripening. Rust was reported in but very few instances, and there was only the barest mention of smut. "Indeed," ran the summary, "the crop may be said to have had almost complete immunity from every form of blight or pest, and although considerably lodged in many quarters by the heavy rain storms of the 8th and 9th of the present month no serious trouble is feared beyond additional work in harvesting the crop."

According to the November reports oats were a variable crop, failure and extraordinary yields being reported from adjacent townships. In the west early sown were reported good, and late sown light. In the inland central district and in the east the yield was above the average. In many sections the wet weather before harvest induced rust, and the rains at harvest prevented getting the crop in in good shape. On the whole the crop is far above the average. The following table has the acreage and yield for each of the years 1890 and 1891, together with the average for the ten years 1882-91:

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	172,276	6,570,071	38.1	185,806	4,429,838	23.8	166,426	5,946,680	35.7
Lake Huron....	209,600	8,462,066	40.4	223,749	6,507,605	29.1	183,684	6,504,471	35.4
Georgian Bay..	177,988	6,777,596	38.1	177,625	5,320,863	30.0	155,946	5,175,195	33.2
West Midland..	387,307	17,075,815	44.1	406,897	12,618,834	31.0	344,814	13,187,993	38.2
Lake Ontario...	323,775	13,700,031	42.3	327,206	9,215,067	28.2	289,895	10,618,915	36.6
St. L. & Ottawa	409,849	16,804,660	41.0	411,408	10,530,752	25.6	385,470	12,659,140	32.8
East Midland..	130,844	4,735,777	36.2	122,936	3,428,369	27.9	117,364	3,713,084	31.6
Nor'n Districts.	28,997	883,526	30.5	26,739	716,879	26.8	19,606	605,125	30.9
Totals	1,840,636	75,009,542	40.8	1,882,366	52,768,207	28.0	1,663,205	58,410,603	35.1

The total acreage in 1891 is 41,730 below that of the previous year, but the remarkably good average yield of 40.8 bushels per acre makes the total yield of the province 22,241,335 bushels more than in 1890. The average yield per acre for the ten years falls short of that of 1891 by 5.7 bushels, and the average total yield for the same period is 16,598,939 bushels less than that of the present year. The Georgian Bay and East Midland groups and the Northern Districts show an increased area compared with the

previous year, but every district exceeds its own total yield of 1891 and its average total yield for the period 1882-91. The West Midland counties have the magnificent average yield of 44.1 bushels per acre to their credit, while the Northern Districts are the only group falling below the average yield per acre of the province for the ten years.

RYE.

This crop, never a large one, is not increasing in popularity. Correspondents in the eastern part of the province, particularly in Northumberland, Prince Edward and a few counties further east, report the crop as still being raised, but in the west it is now comparatively unknown except as a green feed for May and June. As correspondents wrote early in August rye was said to be in fair condition, more particularly where sown on high land. The November bulletin stated that the yield would be medium, but the crop is grown only in small quantities, and correspondents had but little to say regarding quality and general condition. The average and yield for 1890 and 1891, together with the average for the ten years 1882-91, is given in the following table :

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	7,613	132,517	17.4	13,994	201,896	14.4	11,571	180,395	15.6
Lake Huron....	1,060	19,940	18.8	1,732	32,648	18.8	987	17,561	17.8
Georgian Bay...	2,346	43,510	18.5	4,069	61,822	15.2	2,887	51,693	17.9
West Midland...	2,636	50,828	19.3	5,649	93,785	16.6	4,863	80,631	16.6
Lake Ontario...	21,254	315,752	14.9	28,273	386,172	13.7	31,576	466,309	14.8
St. L'w. & Ottawa	21,288	386,831	18.2	29,576	475,333	16.1	32,930	589,022	17.9
East Midland ..	10,865	169,546	15.6	18,858	294,881	15.6	17,899	279,775	15.6
Nor'n. Districts	803	15,706	19.6	910	16,808	18.5	923	17,825	19.3
Totals	67,865	1,134,630	16.7	103,061	1,563,345	15.2	103,636	1,683,211	16.2

The acreage of rye continues to decrease. Every district shows a smaller area than in the previous year, and the total acreage of the province is now only 67,865, or 35,196 less than that of 1890. The average yield per acre is 16.7 bushels, being 1.5 bushel more than in 1890 and .5 bushel above the average of the province for the ten years. The growth of rye is confined mainly to the last three districts named in the table, and is a minor crop even there. It is well to remember that all the rye is not threshed, as the table might lead some to suppose. Much of it is feed green, but in that case the stock get the benefit of both head and stalk, even though the plant may not be fully matured.

PEAS.

According to the August bulletin the reports then to hand indicated an exceptionally good pea crop throughout the province. But little had been harvested when correspondents wrote, except in some eastern sections, where the early varieties for seed had been secured in excellent condition. In the Lake Erie district the crop was again injured by drouth in the early summer and by bugs later on. In the east, however, the bug is now practically a stranger. The June drouth left its effects more or less on all parts of the province, especially in the Lake Huron counties, though much of the threatened

danger was averted by rains later on, and it may be said that peas suffered less than any other crop from drouth. In a few eastern points some signs of mildew were reported, but the comparative damage will be slight.

The November bulletin said that in some sections peas ripened unevenly. A larger crop would have been harvested had it not been for the ravages of the "pea-bug." The injuries were principally in Essex, Kent, Lambton and Middlesex. On the whole the crop may be regarded as a good one, although the straw will be very poor owing to wet weather. The table following shows the acreage and yield for 1890 and 1891, and also the average for the ten years 1882-91:

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per Acre.	Acres.	Bushels.	Bush. per Acre.	Acres.	Bushels.	Bush. per Acre.
Lake Erie.....	65,934	1,309,973	19.9	84,196	1,262,693	15.0	61,909	1,152,512	18.6
Lake Huron.....	98,334	2,599,112	26.4	104,950	2,223,672	21.2	82,523	1,846,907	22.4
Georgian Bay.....	91,163	2,297,147	25.2	86,074	1,868,911	21.7	79,335	1,731,236	21.8
West Midland.....	155,149	3,976,675	25.6	170,901	3,284,924	19.2	137,761	2,998,574	21.8
Lake Ontario.....	179,439	4,181,917	23.3	181,216	3,538,243	19.5	154,094	3,115,844	20.2
St. Law. and Ottawa.	90,627	2,253,956	24.9	85,596	1,717,316	20.1	92,717	1,847,840	19.9
East Midland.....	56,660	1,334,226	23.5	56,064	1,223,871	21.8	51,752	1,009,842	19.5
Northern Districts....	15,147	370,453	24.5	12,209	269,683	22.1	8,871	205,903	23.2
Totals.....	752,453	18,323,459	24.4	781,206	15,389,313	19.7	668,962	13,908,658	20.8

An increase is observed in the area covered by peas in the Georgian Bay, St. Lawrence and Ottawa and East Midland groups, as well as in the Northern Districts, but the decrease in the other four groups makes the total number of acres given to the crop in the province fall 28,753 below the figures for the previous year. Notwithstanding this decrease in area, however, the capital average yield of 24.4 bushels per acre, compared with 19.7 bushels in 1890 has sent the total yield of the province about three million bushels ahead of last year's record. The St. Lawrence and Ottawa is the only group exhibiting a decreased area compared with its own average area for the ten years. The Lake Huron counties average 26.4 bushels per acre, and the Lake Erie group was the only one which fell below the average of the province for the ten years.

INDIAN CORN.

Owing to the drouth at the time of planting a considerable portion of the seed did not germinate, and the crop generally made so late a start that several correspondents expressed the fear in their August reports that frost might yet injure the growing crop. The bulletin for that month had the following regarding corn: "Although the hills were thinned by the drouth in most localities, very encouraging reports come from the counties along the St. Lawrence where corn is being more grown for the ear than formerly. In the great corn raising counties along Lake Erie, however, the tone of the returns is not so encouraging. Where grown for shelling, corn is chiefly raised in hills, but for soiling (where pastures are poor) or for the silo the drill is generally used. Very little is now sown broadcast. The question of the best corn for Ontario is not yet settled. In the Lake Erie district the eight-rowed yellow appears to be most in favor, while the yellow and white Flints and Dents are also popular. For the eastern Ontario silos the Mammoth Southern Sweet, Horsetooth and Crompton's Early are most in demand. A score or more other varieties, however, have pronounced admirers amongst our corres-

pondents." Except where sown broadcast for soiling purposes, corn is generally planted in drills or in hills about four feet apart each way, so as to admit of thorough cultivation. Three or four stalks are usually grown in each hill.

According to the November bulletin corn was not by any means a uniform crop in the southwestern counties, where it is chiefly grown. On heavy clay soils the crop in many instances failed on account of the dry and backward spring and, again, on light and sandy soils it suffered very much from summer drouth. In that district, as might be expected under the circumstances, corn proved on the whole to be rather short in the stalk and light in the ear, but at the same time the sample was hard and well matured in both early and late varieties, and uninjured by frost. Corn, where raised for soiling or for winter feed, has been an enormous crop. The past season has proven the wisdom of having a crop such as corn to supplement short pastures in dry seasons. The accompanying table gives the acreage and yield in 1890 and 1891, and also the average for the years 1882-91. In considering the table, however, it will be well to bear in mind that while the total yield in every case is estimated on the whole area grown, all of the crop is not allowed to mature, and therefore the quantity of corn actually husked must fall considerably below the figures credited to the various total yields. In the Lake Erie counties most of the corn grown gets into the crib, and in portions of the Lake Huron, West Midland, Lake Ontario and St. Lawrence and Ottawa groups a fair proportion of the crop matures, but much of the corn sown is intended for soiling, and it makes excellent green fodder to supplement dry pastures. There is also an increasing quantity of corn raised for the silo, in which case the ears are fed to cattle in the form of ensilage. The actual yield of husked corn can therefore be safely placed at from three to four millions of bushels less than the table gives for the province.

Districts.	1891.			1890.			*Yearly average for the nine years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	101,037	7,691,736	76.1	99,914	6,696,013	67.0	94,647	6,647,266	70.2
Lake Huron.....	15,318	1,173,416	76.6	13,590	793,611	58.4	10,441	661,466	63.4
Georgian Bay	3,125	171,740	55.0	3,346	182,062	54.4	1,715	91,660	53.4
West Midland.....	33,377	2,719,167	81.5	33,590	2,092,447	62.3	28,096	1,880,286	66.9
Lake Ontario.....	36,251	2,628,817	72.5	34,692	1,948,478	56.2	29,609	1,794,039	60.6
St. Law. and Ottawa..	40,570	3,153,380	77.7	28,764	1,792,316	62.3	21,570	1,323,342	61.4
East Midland.....	10,878	725,232	66.7	9,549	491,469	51.5	7,412	397,792	53.7
Northern Districts....	530	25,171	47.5	391	14,785	37.8	348	14,463	41.6
Totals.....	241,086	18,288,659	75.9	223,836	14,011,181	62.6	193,838	12,810,314	66.1

The area of corn is 17,250 acres more than in 1890, which proves that the crop continues to grow in favor. A remarkable increase in the area is noticed in the dairying counties of the St. Lawrence and Ottawa group, while compared with 1890 there is a slight falling off in acreage in the Georgian Bay and West Midland districts. Every group except the Georgian Bay shows an increase in the total yield compared with its own record, and the high average of 75.9 bushels per acre for the province places the total yield for the year over four millions greater than that of 1890. The magnificent average yield of 81.5 bushels per acre is credited to the West Midland district. In the Georgian Bay group and the Northern Districts the average yield per acre fell below that of the province for the nine years, but every other group went well over it.

*On account of the destructive frost of 1883, no estimate was made of the yield of corn, buckwheat and beans in that year. That year has, therefore, been omitted in calculating the yearly average of those crops in this and following tables.

REMARKS OF CORRESPONDENTS.

Cayuga, Haldimand: Fodder corn is coming in largely, but a great mistake is made by sowing it too thickly. Some sow nearly three bushels to the acre broadcast, instead of drilling it in one-half to three-quarter bushels per acre.

Plympton, Lambton: One silo has been put on trial this year, but very large quantities of corn have been sown for feed—chiefly Mammoth Southern Sweet—and it has grown splendidly. This has been fed as “soiling” during the summer, but an immense quantity has been cut and stooked, and is now standing in the field for winter use. My own practice this year is to fall back on our Canada Flint, white and yellow, and I am highly pleased with the yield. It has been remarked that our Canadian corn is remarkably well eared this year.

St. Vincent, Grey: There are a good many growing small patches of corn for fodder, but they are timid about trying the silo. There are a few silos filled with corn as directed by the bulletins and reports sent out by the Agricultural College. It was grown in drills three feet apart. Ours was Red Cob, Southern Sweet and Compton's Early. I think Compton's Early or some Canadian variety is better, as the American does not mature sufficiently in this locality to make sweet ensilage. Not having the silo built in time Compton's Early was too ripe and we mixed it. Many are interested and are watching closely the result.

Zorra E., Oxford: Four or five silos have been built in this township this year. They are filled with corn cut in two inch lengths. Mostly Yellow and Flint varieties are grown, being planted in rows $3\frac{1}{2}$ feet apart and cut when the ears are glazed.

Crosby N., Leeds and Grenville: Western corn is a good deal grown here. It is cut with binders where practicable, but otherwise by hand with the sickle. It is dried properly and saved by standing the bound sheaves on end over the top of hay mows and straw mows. Several farmers around here have saved from twelve to twenty tons in this way, which would mean four times that weight if cut green and put into a silo. Where it can be saved properly in this way I, for one, would prefer to use it to the ensilage, and for the following reasons: 1. Less work. 2. Cows do just as well as on ensilage. 3. There is an equal amount of milk in each case. 4. You can feed dry western corn when you would not want to open the silo.

Asphodel, Peterborough: The first silo built in this county, as far as I know of, was built by me. Since then there have been a number erected, and they generally have proved satisfactory. The crop used for making ensilage is corn. Mammoth Southern Sweet or Giant Prolific Ensilage corn has given the best results. Sow the corn on well prepared ground with a drill in rows from thirty inches to three feet apart, and at the rate of about half a bushel to the acre. Run the cultivator through the corn as often as possible and cultivate shallow. The oftener the cultivator is run through the better the crop. When the corn begins to glaze in the ear it is fit to harvest. Cut and draw to the silo, put the corn through a straw cutter, cutting it in inch lengths, and place in silo, tramping well especially around the edges. When filled cover with a floating roof of boards, and cover the boards with about a foot of cut straw.

Watt, Muskoka: I had a small patch of sunflower this season. I have cut up the stalks and put them in the silo, and intend to crush the seed and see what my stock will make of it. If the results are favorable I intend to cultivate the sunflower as a silo crop. Corn is a very doubtful crop to raise with us unless we can get a more rapidly growing kind than I have met with.

THE SILO. The August bulletin had the following regarding ensilage: “Notwithstanding the strong advocacy of ensilage by experienced men at the annual meetings of the Dairymen's and Creameries' Associations, and the issuing of several bulletins on the subject by this Department, the silo is not being rapidly adopted in this province. Several new silos are reported in Grey and three or four other western counties, and in the stretch of counties between Northumberland and the Ottawa a trial is being given the new process by enterprising men, but as one correspondent remarks, there is more talk than actual work done in the matter of building silos.” The November bulletin thus dealt with corn for the silo: “Silos are increasing in sections where roots cannot be successfully grown and in dairy regions. From the east, especially Leeds and Grenville, Frontenac and a few other counties, reports of new silos are received. The crop for this purpose was sown entirely in drills or hills and allowed to mature to glazing condition before cutting. It was harvested in fine condition. Some reports have come to us of twenty-five tons to the acre of well-matured and well-harvested corn, which has been stored in the silo.” Mammoth Southern Sweet is still extensively used. The various varieties of Flints and Dents, especially those that mature early, are being tested as silo corns by many farmers.

BUCKWHEAT.

Correspondents, as usual, have little to say regarding buckwheat. Reports agree that it was a good crop where grown, more particularly in the eastern counties. It was harvested early and in good condition, and suffered little from frost or any other cause.

The following table gives acreage and yield in 1890 and 1891, together with the average for the nine years 1882-91 :

Districts.	1891.			1890.			Yearly average for the nine years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	14,010	353,608	25.2	12,029	253,371	21.1	10,451	218,890	20.9
Lake Huron.....	1,837	46,940	25.6	2,419	38,257	15.8	1,209	23,932	19.8
Georgian Bay.....	1,547	29,341	19.0	1,522	28,094	18.5	835	14,781	17.7
West Midland.....	2,781	63,433	22.8	2,990	59,942	20.0	2,373	47,484	20.0
Lake Ontario.....	34,795	821,230	23.6	27,280	605,902	22.2	19,016	423,566	22.3
St. Law. and Ottawa.	36,733	936,792	25.5	33,488	825,706	24.7	28,375	681,521	24.0
East Midland.....	14,862	324,330	21.8	9,402	219,012	23.3	6,539	146,000	22.3
Northern Districts....	1,314	32,468	24.7	981	23,436	23.9	591	14,826	25.1
Totals.....	107,879	2,608,142	24.2	90,111	2,053,720	22.8	69,389	1,571,000	22.6

In the Lake Huron and West Midland districts a decrease is observed in the area of the crop compared with the previous year, but in the other six groups an increase is to be seen, and the total area of buckwheat in the province has extended from 90,111 to 107,879 acres. The average yield for the province is 24.2 bushels per acre, being 1.4 bushel more than in the previous year, and 1.5 bushel more than the average for the nine years. The bulk of the crop is raised in the Lake Ontario and St. Lawrence and Ottawa districts.

BEANS.

Beans were not harvested as correspondents wrote in August. The drouth affected the crop considerably, especially late planted, and very poor returns were looked for on clay soils. A good deal of replanting was done, and the crop altogether was reckoned as below the average both as to prospective yield and general condition. The November reports were thus summarised: The bean crop was a rather light one in the south-western counties, but in quality and color the sample was a fair average. The conditions which were unfavorable to the corn crop, affected beans in a similar manner, but not being such a deep feeding crop they suffered more than corn. The table herewith given shows the acreage and yield in 1890 and 1891, and also the average for the nine years 1882-91:

Districts.	1891.			1890.			Yearly average for the nine years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	32,706	582,169	17.8	30,323	585,846	19.3	18,320	348,871	19.0
Lake Huron.....	1,024	21,090	20.6	729	11,278	15.5	627	12,817	20.4
Georgian Bay.....	307	6,782	22.1	429	8,424	19.6	247	4,688	19.0
West Midland.....	717	14,161	19.7	917	17,033	18.6	1,032	21,203	20.5
Lake Ontario.....	1,838	37,685	20.5	2,530	44,739	17.7	2,057	43,362	21.1
St. Law. and Ottawa..	4,145	94,237	22.7	3,660	75,209	20.5	3,311	78,187	23.6
East Midland.....	559	10,317	18.5	757	16,491	21.8	557	10,700	19.2
Northern Districts....	155	3,159	20.4	111	2,321	20.9	83	1,719	20.7
Totals.....	41,451	769,600	18.6	39,456	761,341	19.3	26,234	521,547	19.9

The story of the crop in the Lake Erie counties is practically its history for the whole province, as more than three-fourths of the acreage of beans is to be found in that group. A slight increase has taken place in the total area, although in four districts a falling off is noticed. The small yield in the Lake Erie group has brought the average of the province down to 18.6 bushels per acre, as compared with 19.3 bushels in 1890 and 19.9 bushels in the nine years 1882-91. Owing to the increased acreage, however, the total yield of the province is a little more than that of the previous year and very much above the average for the nine years.

FIELD ROOTS.

The August bulletin stated that the prospect for roots had been seriously impaired by the drouth. In the extreme southwestern counties the product was expected to be small in size and poor in quality. Reports from other sections of the province, however, were more favorable. It was stated in the November bulletin that the weather during the ingathering and pitting of roots was all that could be desired, and that in many quarters the work had been completed.

POTATOES. Concerning potatoes the August bulletin said: "The vines have frequently drooped from lack of moisture, and in some instances in the southwestern counties have dried up altogether from the heat. As regards the rest of the province a large yield is expected." According to the November bulletin potatoes, though a large crop, gave cause for anxiety. "Only a few counties appear to have escaped the rot, the loss from this cause being estimated all the way from 5 to 50 per cent. Probably one-quarter of the unusually large yield has already gone by the rot. The only remark made concerning bugs was that they were not nearly as bad as usual." The acreage and yield for 1890 and 1891, together with the average for the ten years 1882-91, are given in the following table:

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	14,518	1,726,531	118.9	14,640	1,156,746	79.0	15,940	1,702,790	106.8
Lake Huron.....	13,401	2,111,991	157.6	12,706	1,321,519	104.0	12,844	1,517,820	118.2
Georgian Bay.....	14,870	2,311,767	155.5	14,211	2,071,965	145.8	13,806	1,803,913	130.7
West Midland.....	26,911	4,251,297	158.0	27,821	3,255,232	117.0	26,762	3,232,356	120.8
Lake Ontario.....	33,458	4,616,546	138.0	33,670	3,251,595	96.6	31,836	3,599,490	113.1
St. Law. and Ottawa..	40,040	6,449,536	161.1	38,335	4,477,866	116.8	38,867	4,975,492	128.0
East Midland.....	12,526	1,790,550	142.9	12,711	1,442,281	113.5	12,332	1,539,066	124.8
Northern Districts...	4,494	797,668	177.5	4,000	583,913	146.0	3,062	469,756	153.4
Totals.....	160,218	24,055,886	150.1	158,094	17,561,117	111.1	155,449	18,840,683	121.2

The Lake Erie, West Midland, Lake Ontario and East Midland groups each fall below their respective average acreage of the previous year, but the increase in the other four districts makes the total area of the province go 2,124 acres beyond the figures for 1890. The average yield per acre is a great one for the province, being 150.1 bushels, compared with 111.1 in 1890 and an average of 121.2 for the ten years. Each district exceeds its own total yield of the previous year and also its average for the 1882-91 period. The total yield of the province is 6,494,769 bushels greater than that of the preceding year, and 5,215,203 more than the average for the ten years. The new land of the Northern Districts has given the remarkably fine yield of 177.5 bushels per acre, the St. Lawrence and Ottawa group coming next with 161.1 bushels. The smallest yield per acre was experienced in the Lake Erie counties.

MANGEL-WURZELS. The drouth prevailing at the time of seeding left the rows of mangels thin and backward in growth, and not very promising when reports were sent in for the August report. Although correspondents did not as a rule speak of the crop as a particularly good one, the November reports were cheerful compared with those of August, and the estimated average yield per acre is somewhat surprising considering the wretched start that root crops generally received. The following shows the acreage and yield for 1890 and 1891, and also the average for the ten years 1882-91 :

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie	1,846	893,381	484	1,607	701,312	436	1,375	552,055	401
Lake Huron.....	2,892	1,568,156	542	3,370	1,562,735	464	2,444	1,090,102	446
Georgian Bay	897	397,180	443	1,229	497,619	405	996	417,077	419
West Midland.....	8,347	4,614,874	553	8,946	4,203,084	470	6,440	2,974,766	462
Lake Ontario	4,859	2,399,151	494	6,027	2,756,943	457	5,149	2,283,195	443
St. Law. and Ottawa .	2,166	1,018,671	470	2,447	922,461	377	1,760	671,600	382
East Midland	1,872	859,238	459	2,276	933,584	410	1,301	527,388	405
Northern Districts....	82	28,797	351	51	16,780	329	81	21,913	271
Totals	22,961	11,779,448	513	25,953	11,594,518	447	19,546	8,538,096	437

The area of this crop has been narrowed from 25,953 in 1890 to 22,961 in 1891, and every group except the Lake Erie and the Northern Districts has felt the shrinkage. But notwithstanding the smaller acreage, the large yield of 513 bushels per acre (as against 447 bushels in the preceding year and an average of 437 bushels for the ten years) has made the total yield of the province greater than usual. In the West Midland counties the average yield per acre is 553 bushels and in the Lake Huron group 542 bushels, while in the Northern Districts the figures drop to 351 bushels.

CARROTS. This crop made a bad start owing to the dry weather, and the early reports concerning the crop were apprehensive of general failure. Notwithstanding the fact that much of the seed failed to germinate there was an average yield per acre considerably ahead of that of the ten years 1882-91. The acreage and yield for 1890 and 1891, together with the average for the term 1882-91, will be found in the following table :

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie	834	305,715	367	982	299,056	305	728	211,221	290
Lake Huron.....	982	382,209	389	1,048	371,141	354	1,001	354,491	354
Georgian Bay	903	344,301	381	1,145	417,300	364	1,107	404,000	365
West Midland.....	1,885	875,220	464	2,563	959,592	374	2,233	837,087	375
Lake Ontario	1,917	713,633	375	2,918	1,097,486	376	2,766	1,032,501	373
St. Law. and Ottawa .	2,230	809,609	363	2,141	678,081	317	1,614	506,688	314
East Midland	833	289,938	348	989	346,111	350	823	273,275	332
Northern Districts....	274	88,391	323	191	41,775	219	151	40,084	265
Totals	9,858	3,814,016	387	11,977	4,210,542	352	10,423	3,659,347	351

The number of acres given to carrots is now only 9,858, being 2,119 less than in 1890 and 565 acres below the average for the ten years 1882-91. The excellent yield of 387 bushels per acre, however, has brought the total yield above the average for the ten years, although still lower than the total yield of 1890. The St. Lawrence and Ottawa counties and the Northern Districts are the only groups which exceed their respective areas of the previous year. Every group except the East Midland and the Northern Districts exceeds the average yield per acre of the province for the ten years.

TURNIPS. The August reports concerning turnips were hopeful, notwithstanding the drouth, and expectations were not disappointed. In many portions of the province a magnificent yield was realised, and the average yield per acre is unusually large. As in the case of other roots the weather at the time of pitting was very favorable. The acreage and yield for 1890 and 1891, with the average for the ten years 1882-91, is contained in the following table :

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie	2,716	1,205,035	444	2,579	859,137	333	2,234	795,314	356
Lake Huron....	15,136	8,289,606	548	12,636	5,531,452	438	12,809	5,171,968	404
Georgian Bay	15,182	8,585,368	565	13,345	5,678,382	426	12,608	5,257,287	417
West Midland..	38,414	23,198,607	604	36,316	14,975,082	412	35,068	14,835,064	423
Lake Ontario	37,491	19,969,208	533	32,509	15,085,001	464	29,965	12,613,781	421
St. Law. and Ottawa.	5,518	2,619,058	475	5,360	1,967,738	367	4,154	1,465,768	353
East Midland	8,031	3,678,599	458	6,145	2,194,655	357	5,877	2,121,571	361
Northern Districts....	3,587	1,307,971	365	2,165	749,116	346	2,228	720,527	323
Totals	126,075	68,853,452	546	111,055	47,040,563	424	104,943	42,981,280	410

Every group makes a successful showing both in the matter of acreage and yield, compared with its respective figures of the previous year, and its own average for the ten years. The result is that the increased acreage and enlarged yield per acre for the whole province runs the aggregate yield up to 68,853,452 bushels, as compared with 47,040,653 in 1890 and an average of 42,981,280 for the ten years.

HAY AND CLOVER.

In their spring returns correspondents were not agreed as to the condition of clover, although the opinion of the majority was that the new fields were doing splendidly. Old fields had been badly heaved in low and undrained places, and the crop in some of the eastern counties suffered much from ice. Many correspondents, especially in the west, spoke hopefully of the prospects of clover, although it was rather too early for a very good start when the reports were sent in. The fact that the new fields were doing so well was considered very encouraging, as during the past few years old fields had generally been a failure.

The August bulletin had the following regarding hay and clover : " This crop has been unusually light all over the province. It was of average quality, however, and was for the most part secured in excellent condition. The drouth was doubtless the chief cause of the deficiency, but in addition to this, clover in some instances suffered from winter-killing and from the frosts of May. New meadows yielded better than old ones. Both clover and timothy were short in stalk, and timothy was as a rule somewhat thin

in the ground. There has been a vigorous second growth of clover, except perhaps in the Lake Erie and southwestern counties, which do not appear to have been benefited to so great an extent as the rest of the province by the recent local rains. By many this second growth is reported to be quite luxuriant, and some are cutting it to make up for the deficiency in the first crop. The prospects are not favorable for a good yield of clover seed. It is expected to be a failure in Essex, Kent and Elgin, where many are pasturing their cattle in the clover fields. Elsewhere the yield will be very variable according to local conditions and the amount of the rainfall. The most favorable reports for clover seed come from Lincoln county. The clover midge is not reported to be unusually prevalent in any district. Some farmers, more especially in Grey and Bruce, have still a considerable quantity of last year's hay on hand." The acreage and yield for the two years 1890 and 1891, and also the average for the ten years 1882-91, are furnished in the table following :

Districts.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Tons.	Tons per acre.	Acres.	Tons.	Tons per acre.	Acres.	Tons.	Tons per acre.
Lake Erie	298,233	298,329	1.00	286,576	525,644	1.83	276,452	392,554	1.42
Lake Huron	277,622	245,810	.89	270,648	484,865	1.79	237,636	321,816	1.35
Georgian Bay	219,568	208,809	.95	209,795	375,602	1.79	194,305	247,205	1.27
West Midland	435,867	498,241	1.14	433,638	897,491	2.07	411,030	619,507	1.51
Lake Ontario	444,932	429,630	.97	417,641	760,974	1.82	410,071	562,026	1.37
St. Law. and Ottawa.	626,893	546,845	.87	618,434	895,976	1.45	561,469	727,136	1.30
East Midland	184,330	124,592	.68	168,581	267,568	1.59	156,212	181,919	1.16
Northern Districts ..	62,530	40,542	.65	56,689	97,795	1.73	43,320	50,570	1.17
Totals	2,549,975	2,392,798	.94	2,462,002	4,305,915	1.75	2,290,495	3,102,733	1.35

The foregoing table reveals the unusual fact that while the acreage in each district is larger than in the previous year, and also larger than the average for the ten years, the average yield in each instance is smaller than in both of the other periods. The yield for the year aggregates 2,392,798 tons, which falls 1,913,117 tons below the yield of 1890, and 709,935 tons below the average for the ten years. The Lake Erie district averages exactly a ton per acre, and the West Midland counties go as high as 1.14 tons, but the six other groups fall below the ton.

CLOVER SEED. The yield of clover seed is this year very light. With the exception of the southwestern counties, where the early and late drouth was very disastrous to the clover crop, there was in most localities a fine second growth, it being in some instances more luxuriant than the first ; but for some reason the crop is reported not to have blossomed well, some think on account of rankness of growth. Owing to this and to other causes, comparatively little was kept for seed, much being cut to make up for the deficiency in the hay crop, or else pastured. The ravages of the midge, in addition, appear to have been even more extensive than usual this season ; the small varieties of clover suffering most. The greatest damage from this pest is reported from the Lake Erie and Lake Ontario counties.

COMPARATIVE YIELDS OF FIELD CROPS.

AGGREGATE YIELD OF FIELD CROPS. The acreage and average yield per acre, which go to make the aggregate yield, are dealt with elsewhere, and the following

table gives the net results of the annual variations of these two factors. The aggregate yields of the leading field crops are shown for each of the last five years, together with the averages for the seven years 1885-91 and the ten years 1882-91.

Field crops.	1891.	1890.	1889.	1888.	1887.	1885-91.	1882-91.
	bushels.	bushels.	bushels.	bushels.	bushels.	bushels.	bushels.
Fall wheat	21,872,488	14,267,383	13,001,865	13,830,787	14,440,611	16,708,937	18,059,235
Spring wheat	10,711,538	7,683,905	5,697,707	6,453,559	5,633,117	7,832,609	8,882,998
Barley	16,141,904	15,600,169	23,386,388	23,366,569	17,134,830	18,810,818	19,349,351
Oats	75,009,542	52,768,207	64,346,301	65,466,911	49,848,101	60,190,630	58,410,603
Rye	1,134,630	1,563,345	1,431,679	1,295,302	894,887	1,242,544	1,683,211
Peas	18,323,459	15,389,313	13,509,237	14,269,863	12,173,332	14,816,447	13,908,658
Corn	18,288,659	14,011,181	9,248,199	17,436,780	8,404,752	12,705,182	12,810,314
Buckwheat	2,608,142	2,053,720	1,272,578	1,222,283	1,025,353	1,627,351	1,571,000
Beans	769,600	761,341	371,893	534,526	275,975	527,424	521,547
Potatoes	24,055,886	17,561,117	14,355,529	22,273,607	10,678,000	18,003,949	18,840,683
Mangel-wurzels	11,779,448	11,594,518	7,223,478	10,020,659	5,695,761	8,966,048	8,538,096
Carrots	3,814,016	4,210,542	3,431,959	3,898,584	2,105,686	3,485,980	3,659,347
Turnips	68,853,452	47,040,563	37,021,260	47,640,237	31,413,456	45,738,251	42,981,280
	tons.	tons.	tons.	tons.	tons.	tons.	tons.
Hay and clover	2,392,798	4,305,915	3,728,313	2,009,017	3,093,610	3,110,893	3,102,733

Fall wheat, spring wheat, oats, peas, corn, buckwheat, beans, potatoes, mangel-wurzels and turnips exceed their respective yields of any previous year and also the average for the seven and ten years' periods. The year 1888 gave the smallest crop of hay, and 1891 comes next.

RATIOS OF AGGREGATE CROPS. The per cent. ratios of the aggregate production of the several crops in 1891, as compared with the average for the ten years 1882-91, are given in the following table by county groups and for the province, each group being compared with its own average :

Districts.	Fall Wheat.	Spring Wheat.	Barley.	Oats.	Rye.	Peas.	Corn.	Buck- wheat.	Beans.	Hay and Clover.	Potatoes.	Mangel- wurzels.	Carrots.	Turnips.
Lake Erie	139	120	90	110	73	114	116	162	167	76	101	162	145	152
Lake Huron	122	119	82	130	114	141	177	136	165	76	139	144	108	160
Georgian Bay	112	98	88	131	84	133	187	199	145	84	128	95	85	163
West Midland	123	126	94	129	63	133	145	134	67	80	132	155	105	156
Lake Ontario	109	124	79	129	68	134	147	194	87	76	128	105	70	158
St. Lawrence and Ottawa ..	74	128	87	133	66	122	238	137	121	75	130	152	160	179
East Midland	78	121	70	128	61	132	182	222	96	68	116	163	106	173
Northern Districts	128	87	140	146	88	180	174	219	184	80	170	131	221	182
The Province	121	121	83	128	67	132	143	166	148	77	128	138	104	160

Barley, rye and hay are the only crops which do not reach 100 in the figures for the province, while buckwheat and turnips touch 166 and 160 respectively. (100 in every case represents the average of the crop for ten years). Oats, peas, corn, buckwheat, potatoes and turnips go over the standard in every group.

AVERAGE YIELDS PER ACRE. The yields per acre of the staple field crops are given in the following table by county groups for the years 1890 and 1891, together with the averages for the seven years 1885-91 and the ten years 1882-91:

Field crops.	Lake Erie.	Lake Huron	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.			
									1891.	1890.	1885-91.	1882-91.
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Fall wheat	25.7	26.8	24.9	28.1	23.4	17.6	18.7	23.2	25.7	19.8	19.9	20.0
Spring wheat ..	16.5	20.7	19.6	22.0	20.8	23.6	18.6	20.1	21.0	12.8	14.7	15.8
Barley	25.4	29.0	29.5	30.9	28.8	30.1	28.3	25.1	29.2	22.2	25.7	26.0
Oats.....	38.1	40.4	38.1	44.1	42.3	41.0	36.2	30.5	40.8	28.0	34.1	35.1
Rye.....	17.4	18.8	18.5	19.3	14.9	18.2	15.6	19.6	16.7	15.2	15.5	16.2
Peas	19.9	26.4	25.2	25.6	23.3	24.9	23.5	24.5	24.4	19.7	20.7	20.8
Corn	76.1	76.6	55.0	81.5	72.5	77.7	66.7	47.5	75.9	62.6	65.2	66.1
Buckwheat....	25.2	25.6	19.0	22.8	23.6	25.5	21.8	24.7	24.2	22.8	22.4	22.6
Beans	17.8	20.6	22.1	19.7	20.5	22.7	18.5	20.4	18.6	19.3	19.3	19.9
Potatoes.....	118.9	157.6	155.5	158.0	138.0	161.1	142.9	177.5	150.1	111.1	119.1	121.2
Mangel-wurzels	484	542	443	553	494	470	459	351	513	447	435	437
Carrots.....	367	389	381	464	375	363	348	323	387	352	339	351
Turnips	444	548	565	604	533	475	458	365	546	424	417	410
	ton.	ton.	ton.	ton.	ton.	ton.	ton.	ton.	ton.	ton.	ton.	ton.
Hay and clover	1.00	.89	.95	1.14	.97	.87	.65	.65	.94	1.75	1.32	1.35

The West Midland group has the honor of showing the highest average yields for fall wheat, barley, oats, corn, mangel-wurzels, carrots, turnips and hay and clover. The Lake Huron counties lead in peas and buckwheat, the St. Lawrence and Ottawa group in spring wheat and beans, and the Northern Districts in rye and potatoes.

RATIOS OF YIELD PER ACRE. The appended table shows the per cent. ratios of the average yield per acre of the leading field crops, compared with the average yield of the ten years 1882-91, by county groups and for the province, each group being compared with its own average:

Districts.	Fall Wheat.	Spring Wheat.	Barley.	Oats.	Rye.	Peas.	Corn.	Buck-wheat.	Beans.	Hay and Clover.	Potatoes.	Mangel-wurzels.	Carrots.	Turnips.
Lake Erie ..	134	111	103	107	112	107	108	121	94	70	111	121	127	125
Lake Huron.....	134	144	109	114	106	118	121	129	101	66	133	122	110	136
Georgian Bay	120	131	115	114	103	116	103	107	116	75	119	106	104	135
West Midland.....	137	143	108	115	116	117	122	114	96	75	131	120	124	143
Lake Ontario.....	115	127	110	116	101	115	120	106	97	71	122	112	101	127
St. Lawrence and Ottawa.	98	141	123	125	102	125	127	106	96	67	126	123	116	135
East Midland ..	96	127	117	115	100	121	124	98	96	59	115	113	105	127
Northern Districts.....	120	111	106	99	102	106	114	98	99	56	116	130	122	113
The Province.....	129	132	112	116	103	117	115	107	93	70	124	117	110	133

Beans and hay and clover are the only crops going below the 100 for the province, the latter showing a per cent. ratio of but 70, while it falls to 59 and 56 in the East Midland group and the Northern Districts.

FRUIT AND FRUIT TREES.

The May bulletin contained the following summary of the condition of fruit and vegetation: "A majority of correspondents report vegetation well advanced, and in many cases cattle are feeding on grass. Where the grass is backward, it is sometimes stated that it began well but that growth was retarded by the dry and frosty weather of the latter part of April, and that rain is needed. The reports for orchards are decidedly favorable. The somewhat mild winter was good for fruits, large and small, and the injury from frost was inconsiderable. The apple trees in every part of the province are looking well, and give promise of a large crop; the reports vary mainly as to progress. In some cases, chiefly in the west, the trees are in leaf, and one correspondent reports them in bloom. The reports as to plum and cherry trees also would be good where it not for the large number of correspondents who speak of the ravages of black-knot. There are reports of orchardists ceasing to look for cherries, and cutting down the trees. Peaches, plums, cherries and small fruits are well advanced. Many correspondents in Essex, Kent and the Niagara peninsula report them in bloom, and some fear that they have blossomed too early, and may be injured by spring frosts. Grape vines and small fruits have come through the winter well, and look healthy and promising. Field mice did some damage to young trees, especially in Wellington, Grey, Dufferin, Muskoka and Parry Sound. Only one correspondent (in Lanark) speaks of bark lice." On three or four days during the first week of May the thermometer fell below freezing point, but except in one or two localities but little injury was done to fruit.

The bulletin issued in August thus referred to the orchard and small fruits: "The yield of apples will this year probably be light so far as Ontario is concerned, lighter even than last year. The quality of the fruit is, however, very fair, and the sample generally well shaped and free from blemishes. Harvest apples have yielded somewhat better than the later varieties. Pears are also a light yield. The causes of the deficiency are stated to be frosts at the time of blossoming and the general drouth. The trees are said to have blossomed well, but even where the young fruit had formed it afterwards fell off, in some instances on account of insufficient moisture. There has been a fairly good yield of other tree fruits. Cherries have been unusually abundant. Plum trees have been well loaded with fruit, but their number has been so greatly diminished by the black-knot scourge that the yield of fruit cannot be a large one. Grapes and peaches were slightly injured by late frosts, but the yield of both will be good. Small fruits have been plentiful almost everywhere, but least so in the Lake Erie district. Wild raspberries were unusually abundant in some of the northern counties. Strawberries yielded fairly well, but the fruit was rather undersized. On the Niagara peninsula there was a good yield of all varieties of fruits." It is to be regretted that more attention is not devoted to the cultivation of fruits on our farms. A little systematic pruning and manuring and the replacing of trees that have ceased to bear by young trees of tried varieties would ensure a good average yield with but little trouble or expense.

The November bulletin contained the following reference to fruit: "Reports are not uniform regarding the yield and quality of fruit. In the Lake Ontario counties a splendid yield of apples is reported; large shipments have been made, and some yet remain for exportation. In the western counties apple orchards did not bear as heavily as in former years, but there is plenty for home consumption and a considerable quantity will be shipped. Wind storms did damage to trees and fruit in the fall in different sections of the province, and a hail storm wrought much injury to apples in Prescott. A few correspondents complain of the codling moth, while others rejoice over the fact that they have suffered little or no damage from it or other insects. While in a few localities there is much wormy fruit, the crop generally is pretty free from worm or spot. Pears suffered from blight in some quarters, but on the whole the crop may be regarded as a good one, and a considerable quantity has been exported. Quinces are reported as a fair crop where grown. Peaches were not plentiful, although in some counties a surplus is reported. Where untouched by the curculio and black-knot, plums did remarkably well. The most encouraging reports regarding this variety of fruit come from the county of Grey. Cherries also gave a good yield, but black-knot is still doing deadly work among plum

and cherry trees. Grapes have been very plentiful. A Welland correspondent says: 'In fact the grapes were not all picked, as we could not get a market for them.' Small fruits yielded well. The season generally was favorable to the handling of fruit, although two or three correspondents claim that the first part of the fall was so warm that the keeping qualities of the earlier sorts of apples were badly affected. The latter part of the autumn, however, was well adapted for the maturing of the young wood on vine, bush and tree, and orchards are about to enter the winter in good general condition."

REMARKS OF CORRESPONDENTS.

Gosfield S., Essex: We expect nearly all the frontier of Essex to be used for fruit of all kinds. Drying and canning is becoming quite a business. In the village of Ruthven there is one firm drying 200 bushels of apples per day, and using as many more for cider and jelly.

Peleee Island, Essex: Our grape crop was a remarkable one. Over 260 tons of the finest grapes have been pressed in one large wine cellar, and about 100 tons more have been made into wine by others or shipped in baskets for table use. Several persons have had five tons of Concord to the acre.

Raleigh, Kent: At one time along Talbot street cherries lined the road for miles, but to day not fifty trees are standing where five years ago 500 bore full crops. The Black-knot Act is a dead letter in Raleigh. Saltfleet, Wentworth: About ten tons of grapes have been shipped daily from Winona during the past six weeks, with two weeks' supply yet to go. This will be doubled in five years easily.

Athol, Prince Edward: The most distinctive feature in connection with the farming industry in this locality is the extent to which the growing of small fruits, such as the various kinds of berries, and tomatoes, sweet corn, etc., have displaced the staple crops of grain.

AREA IN ORCHARD AND GARDEN. The table following gives the area in orchard and garden by county groups and for the province for each of the years 1887-91, together with the rate per 1,000 acres cleared in 1891:

Year.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Middlesex.	Northern Districts.	The Province.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1891.....	40,802	22,167	11,858	37,704	53,267	12,011	9,130	893	187,832
1890.....	39,517	21,600	11,858	37,338	52,438	11,098	8,330	617	182,796
1889.....	39,699	21,105	11,729	37,256	52,242	12,079	8,130	526	182,766
1888.....	38,015	20,342	11,620	36,524	53,881	11,733	7,839	603	180,557
1887.....	37,067	19,874	11,129	37,402	54,080	12,401	8,911	578	181,442
Rate per 1,000 acres cleared, 1891.....	28.9	16.4	11.1	16.3	23.1	5.1	10.8	5.4	15.9

There are now 187,832 acres of farm property in orchard and garden, being an increase of 5,036 acres over the previous year. Every group has shared in this increase, excepting the Georgian Bay counties, where the figures for 1890 are unchanged. Out of every 1,000 acres of farm land cleared an average of 15.9 acres are in orchard and garden, the figures ranging from 5.1 in the St. Lawrence and Ottawa group to 28.9 in the Lake Erie district. The statistics of orchard and garden are compiled from returns received from township assessors.

FALL PLOWING.

The cold spring made the harvest rather late and crowded general fall work. The unusually dry weather prevailing late in the season also rendered plowing difficult on clay lands, and many were waiting for rain before getting at this work. Some correspondents however say that owing to the absence of heavy rains there was was little or no baking of the soil, and that, although unusually dry, the land took the plow very nicely. Here and there correspondents report plowing as about completed but taking the province as a whole there was still much to do in this line after the 8th of November.

FARM IMPROVEMENTS.

The progress which takes place from year to year in this line of farm work is steady and sure throughout the greater part of the province. This year has been no exception to the rule. A considerable amount of under-draining has been accomplished in the western part of the province, particularly in the Lake Erie and Lake Huron counties. Little else except tile is now being used for this purpose, as it is generally conceded to possess immense advantages over stone and timber, and is found to be the cheapest in the long run. A farmer in Huron county writes: "Twenty-five years ago I drained fifty acres with tile, and all the drains are now working as good as ever. Wood drains as a rule do not last over ten years." The demand for tile has been brisk, and manufacturers are yearly increasing their output. In nearly all localities there is a scarcity of really skilled hands for this work, particularly in parts where little of it has heretofore been done. Some complaint is made of the backwardness of municipalities to construct main drains, thus rendering it difficult or impossible to obtain suitable outlets and retarding the progress of the work. Draining machines are very rarely used, and have not as yet found much favor, although where the land is free from stones they appear to do satisfactory work. Rapid improvement continues to take place as regards fencing. Several descriptions of wire fencing are becoming very popular, and considerable hedge planting has also been done in some sections. There is also a growing improvement in farm houses and farm buildings. Many farmers are now building bank barns, and many are placing their barns on brick and stone foundations.

FARM SUPPLIES IN THE SPRING.

The May bulletin had the following concerning farm supplies at the close of the winter: "With the exception of hay, it cannot be said that there is much in the way of supplies left in the hands of farmers. Whilst here and there a few farmers have held on to their wheat for a prospective rise, in the vast majority of cases the pinch of the times compelled a sale, and in more than one locality correspondents report that farmers were buying their flour. Oats are very scarce, a number of farmers having barely enough for seed, and in the eastern counties prices are higher than for years. Other grains are also scarce. In fact hay is the only fodder of which there has been a sufficiency, many barns being still well filled and hay stacks being a more common sight than usual at this season. It is a drug in many counties, and the low prices prevailing during the winter have been discouraging to those agriculturists who had raised the crop for the market. Fat cattle are few, nearly all having been bespoken for May shipment. The supply of store cattle is also less than usual. Notwithstanding the superabundance of hay in most sections of the province, the scarcity of coarse grains prevented the best results in the feeding of cattle, and lessened the number held by raisers when the grass came."

THRESHING AND MARKETING.

The November bulletin, under date of the 9th, had the following: The work of threshing is now nearly completed in all sections of the province. Comparatively little marketing has, however, as yet been done, probably not more than one-third of the available crop having been disposed of. Wheat is moving very slowly, as many are holding it in anticipation of higher prices. Very little barley has been marketed, and as the demand is not brisk and prices are low, many intend to use it for feed. The movement has been more marked as regards peas and oats, however, and greater freedom in the marketing of all grains is now looked for.

CLEARING AND CLEANING LAND.

Below are given a number of replies to questions regarding the clearing of land and the extent of bare fallows. While there is much uniformity of method reported in clearing bush farms and preparing the land for cultivation, there is a considerable division of opinion upon the matter of bare fallows. It is pointed out, however, that in most sections of the province it is not now necessary to clear much land, and it is even stated that in a few localities in eastern Ontario trees are being planted as a provision for the future. Where bush land is to be cleared the general custom is to chop down the standing timber and dispose of it as sawlogs, railway ties, cordwood or for whatever it is best fitted. The brush is then piled and burned and the land seeded down and left as pasture until the stumps rot, which is generally five or six years. The stumps are then pulled out by oxen, horses or machines and the land is sown to grain, or perhaps to some hoed crop to kill the weeds. Bare fallowing, though still popular in some quarters, appears to be declining in favor. Preference is expressed by some for hoed crops such as corn, potatoes, turnips or rape for keeping the soil clean. A diversity of opinion is manifested regarding the treatment of dirty fields. Some of the suggestions are really valuable, and must commend themselves to practical farmers.

Gosfield N., Essex : Only the brush and partially decayed timber remains to be burned after the sawlogs and cordwood are taken off, and these are easily burned in a dry time like the present. It is not so difficult a matter to clear land here at present as it was several years ago. Then all the timber that grew on the land had to be chopped, logged and burned ; and moreover the land is now getting pretty well drained, which helps greatly in clearing. There is no summer fallowing done here at present.

Harwich, Kent : If you enquire about clearing off the timber, that is nearly all gone. If you mean cleaning of weeds, hoeing is the principal means. There are thousands of acres of beans and corn grown here, nearly all of which is hand hoed in addition to constant cultivating, and no weeds are allowed to show if they can be kept under. There is very little summer fallowing.

Chatham, Kent : No timber goes to waste ; all is utilised. Considerable summer fallowing is done to kill thistles, as that is a sure way to get rid of them.

Walpole, Haldimand : The land is nearly all cleared in this section. Where a man has a small piece to clear he gets the wood cut into cordwood, seeds his fallow down and lets it stand until the stumps rot—generally about six years. About 12 per cent. of the arable land here is summer fallowed.

Bertie, Welland : The wood is chopped and sold and the land pastured until the stumps are rotted and can be pulled out. There is not so much fallowed land as some years ago. Many work sod down finely and get good wheat.

Stamford, Welland : The stumps are removed by machine, and burning and plowing in the fall. Summer fallowing is fast becoming a thing of the past.

Sombra, Lambton : The timber is chopped in winter and burned off the following summer. In September and October it is logged and burned, then sowed to oats and seeded down, and left for pasture or meadow until the stumps rot. The oats are dragged, and where well done there are splendid crops.

Usborne, Huron : All the wood and timber is drawn off, and the brush burned with the rubbish. Very little land is worked for summer fallow, but a lot of sod and clover stubble is plowed in July as a fallow and seed bed for fall wheat.

Tuckersmith, Huron : In this township all the farms are cleared up. There is a considerable amount of summer fallowing. My experience teaches me that for cleaning a dirty farm there is no method so good or effectual.

Wawanosh, Huron : Most of the timber is cut into logs or cordwood and taken off in the winter. What is left is burned and cleared of brush and old timber the following summer and sown with fall wheat or other grain, or turnips. Some allow the brush and other refuse timber to rot before clearing, but this allows the land to get very dirty. Summer fallows are going out of fashion.

Brant, Bruce : The cleaning of thistles and other weeds is best accomplished by hoed crops such as potatoes, turnips and rape, and also by summer fallowing, and, if done properly, with good results. There is not very much summer fallowing where root crops can be sown with success.

Bentinck, Grey : A good many prefer a hoed crop to summer fallowing for cleaning land, but I think there is more success with summer fallowing, as a hoed crop is often neglected. The extent of summer fallowing is generally from five to ten acres.

Euphrasia, Grey : The trees are chopped down, and so much of the timber used as can be disposed of. The rest is burned on the ground. Nearly all the land is cleared. About eight or ten acres of summer fallowing is done on each farm. Since farmers have taken to raising turnips there is not as much summer fallowing as previously.

Glenelg, Grey : There is not much summer fallowing in this district. We depend chiefly upon seeding down with clover. There are plenty of thistles yet. Good cultivation, short rotation and plenty of clover is the best remedy.

Medonte, Simcoe : Nearly all land clearing is done by culling out the timber, as it is sold for firewood, logs or bark ; then the brush is burned off. There is generally a good crop on new land. Summer fallowing is not practised quite as much as it used to be, but a few farmers have from five to ten acres each year.

Tiny, Simcoe : After chopping and logging we take out the stumps with machines for that purpose, and also lift the larger stones with a machine. We do not summer fallow so much as we used to do. We prefer to have from five to ten acres, and sow fall wheat on pea land.

Elfrid, Middlesex : There is very little left to be cleared. What is done is by the old method. As a market can be found now for the timber on the land, the work of clearing such land is now less expensive than of old. There are still some fields summer fallowed where heavy clay needs it, but on lighter soils where it can be avoided the practice is being discontinued.

Westminster, Middlesex : The prevailing method is bare fallow, plowing in June and surface cultivation afterwards. Another system is plowing in June, sowing buckwheat half a bushel to the acre, rolling after the harrow, and then plowing down the buckwheat when in bloom for manure. It is sure death to the Canada thistle. It also allows the barnyard manure to be applied to stubble land that may be sown also to wheat. I found it a success.

Williams W., Middlesex : Numbers of farmers have bought two-furrowed plows, and immediately the crop is housed turn over the stubble, plowing three inches deep, and about the first of November commence plowing with the common plow. In the spring it is turned over again with the two-furrowed plow and sown. If any thistles appear they are either spudded or topped with a scythe—more frequently the latter. After the second season few thistles appear above the grain. Rolling the land is exceptional, when it should be general.

Blandford, Oxford : There are a considerable number of farmers here who do not summer fallow, but put in their wheat in the fall after either peas or barley. For myself I always reckon to put the half of my fall wheat from fallow and the other half after peas, barley or clover seed. I have had good crops of wheat by these various methods.

Zorra E., Oxford : Plow up sod after pasturing up to July 15th or after the hay is taken off, and work for fall wheat. Gang plow all stubble not seeded as soon as possible after crop is off, and harrow well as often as necessary. Most of the fallow is to enable draining to be done in dry weather.

Blanshard, Perth : Either root crops or summer fallow, if properly attended to, will clear land pretty well of thistles. For wild oats we always seed down with a grain crop, and after we get them thinned out in this way we have them hand-weeded.

Fullarton, Perth : The two and three crop systems are generally followed. The land that is well cultivated by gang-plowing and deep plowing in the fall, disc harrowed in the spring and well put in and spudded once in summer if required, does not need much summer fallowing.

Mornington, Perth : Chop down and pile the brush. Then cut to stove wood or saw logs, or split to rails. Put the refuse into log heaps and burn. The balance (the stumps) are left in a few years longer, and if not burned where they stand are jerked out by horses and piled together and burned. It is pretty well cleared here now.

Wallace, Perth : First cut down the trees and cut down the trunks into logs or cordwood, burn the brush and seed down. Allow five or six years for the stumps to rot and then dig them out. Summer fallowing will average about eight acres to every one hundred acre farm in this township.

Eramosa, Wellington : When our land gets dirty we put it into root crops, dung it well and keep the scuffler and the hoe going all the summer season to kill the weeds. The next year we seed down with timothy and clover, and let it lie in sod for three years.

Minto, Wellington : Very little land has been cleared of late. Summer fallowing is not generally practised. We only fallow an occasional field when it gets very weedy.

Niagara, Lincoln : Land is cleared in this section only as the timber is used for firewood and other purposes, after which it is broken up and planted to corn. Summer fallowing is still resorted to, and with great success in some instances.

Esquering, Halton : Summer fallowing, when thoroughly done, succeeds well for thistles and other weeds, except red root and wild flax, which can be cleaned out only by pulling in spring or leaving fallow and cultivating for a spring crop. About eight to ten per cent. of cleared land is generally summer fallowed.

Trafalgar, Halton : Clearing land is a thing of the past here, except pulling the stumps out. There is not much summer fallowing done. We generally sow with peas or barley and cultivate for wheat.

Albion, Peel : The timber is all wanted for local use. It is first cut down and prepared for whatever it may be best suited for, and then all the useless timber and brushwood is cast into the fire. Then the crop is brought into use to prepare for seeding. Perseverance invariably proves the degree of success. There is a summer fallow of about twelve acres in a hundred each year.

Gwillimbury E., York : Land is cleared here by using the wood for firewood or lumber and burning the brush. Summer fallow is slowly but gradually going out of date. Perhaps it would now average five or six acres to a hundred acre farm.

Darlington, Durham : Land which is overrun with weeds is most successfully cleaned with a hoed crop. There has been very little summer fallowing in this township for some years, except after hay.

Darlington, Durham : We have no land to clear except from weeds; but in former days we cut the timber down in winter, cut it into suitable lengths so that a yoke of oxen could draw them, piled the brush and when dry enough burned it. Then came the logging. Three men with team and driver would log about an acre per day, and then burn the log heaps.

Brighton, Northumberland : There is no land cleared to any extent in this locality, and there is not much summer fallowing. The prevailing method is to plow up clover and sow winter wheat; also to sow wheat on pea stubble.

Seymour, Northumberland : If you mean clearing off the timber, very little is left to clear, and that little is usually cleared by cutting into firewood and burning the brush. The most difficult, and in many places endless work, is clearing the land of stones. Summer fallow is more practised than formerly, as fall wheat is taking the place of barley.

Hallowell, Prince Edward : To eradicate quack grass buckwheat is grown and corn planted, and with either we met with fairly good success. There are not many summer fallows around here.

Richmond, Lennox and Addington : The timber is cut, and the fallow burnt over, followed by seeding down and pasturing till the stumps get rotten. The stumps are then removed, piled and burned, and the ground plowed and prepared for a crop.

Pittsburg, Frontenac : There is not as much land summer fallowed as formerly. The plan now followed is to plow very lightly immediately after harvest and leave until fully dried. Then harrow and cultivate several times before ridging for winter. Land worked in this way has given good results the next summer.

Matilda, Dundas : Very little land is being cleared now, except of stones, which are either put on fences or broken for the road by steam stone-hammers. There is very little summer fallowing done.

Winchester, Dundas : The bush fires took down a good deal of low land bush three years ago. Wood and logs have been taken off, and the rest piled up and burned. The roots have been burned out and the land made ready for the plow. There is not as much summer fallow as there should be.

Roxborough, Stormont : All the standing timber is chopped down and taken to market as saw logs, cordwood or in any shape to make money of, and the land is left for a number of years to young stock and sheep to browse on, when the stumps can be pulled, the land broken up and sown to buckwheat. There is no summer fallowing done here as far as I know.

Caledonia, Prescott : There is very little land cleared nowadays except swamps, which are first drained and when very dry set fire to. This burns muck, brush, etc., leaving a clay soil. I did not see a summer fallow this year.

Longueuil, Prescott : Cut off the wood, burn the brush and muck in a dry time, seed down to alsike and timothy, pasture till the stumps rot, so as to be easily pulled, when they can be piled and burned. Plow the land and bring it into cultivation.

Osgoode, Carleton : Take off the wood and let it run to pasture until the stumps rot enough to come out. Land comes into cultivation sooner than the old way, clearing up and mowing hay. The cattle keep all young sprouts from growing. There is very little summer fallowing.

Osgoode, Carleton : Summer fallowing is not done now to so great an extent as a few years ago. The land is cleaned now by manuring and putting in a crop of potatoes.

Bromley, Renfrew : Where there is large timber, clearing is done by cutting down the underbrush first, and then the large trees, making them into saw logs, fence logs or firewood. The brush is properly piled, and when dry the fallow is set fire to. After burning we pile up the logs that remain and all rotten wood or sticks and burn them off ; drag with a V drag both ways and sow to wheat or grass. If the trees are all small we cut them down in windrows and pile and burn them off as before.

Douro, Peterborough : Clearing land is done by taking off and disposing of the timber, and then piling up the rubbish and burning it. Then sow a grain crop and seed with timothy until the stumps rot. About five per cent. of the cleared land is summer fallowed.

Glamorgan, Haliburton : Underbrush before snowfall, chop in the winter and burn in the spring. This, except in a wet spring, seldom fails. There is very little summer fallowing in this township. Clover with two years' crop, and rye cut for hay and sown with rape in the end of June can be relied on to clean land.

Dungannon, Hastings : Chopping in winter and brushing, burning in the early part of spring and logging ; then sowing potatoes and grain. Summer fallowing is good for the crop and good for the land. It improves the soil and kills the weeds.

Tyendinaga, Hastings : I might say that the land is all cleared with the exception of wood for fuel. Planting seems to take the place of summer fallowing to a large extent.

Monck, Muskoka : The method of clearing now is to take out the hemlock for bark, rails and lumber, and the heavy hardwood sawn into firewood. Then that remaining is cut down, but the land is seldom plowed till most of the small stumps are rotten.

Morrison, Muskoka : The usual method followed by settlers here is chopping and burning off, being a woodland district. There is no summer fallowing. Hoed crops in rotation are preferred, and found to be more profitable.

Cockburn Island, Algoma : Only small fallows are chopped. Neighbors exchange help to log. About one out of three summer fallow, and use three to eight acres for the purpose.

REMARKS OF CORRESPONDENTS.

Correspondents were invited to report upon special crops, new phases of farm work, etc., and from among the replies sent in under this head the following selections have been made :

LUCERNE.

Canboro', Haldimand : Lucerne is grown in a small way but it will be raised more generally as it is certain to increase in favor.

Vespra, Simcoe : Lucerne, or alfalfa, has been tried by a few, but it does not seem to be a success. It does not winter well.

Westminster, Middlesex : Lucerne is a grand crop for soiling. I have cut it four times this summer. It yields heavily and is greatly relished by working horses, but it is rather too coarse for curing as clover is cured. It is away ahead of corn for soiling, and is about three weeks earlier than red clover.

Hallowell, Prince Edward : Some lucerne is grown here and it is looking fine. It is a good crop for fall pastures.

Watt, Muskoka : Last year I put in a small experimental plot of lucerne and had a good catch. I put it in new turned sod and put in a crop of rye with it. I left the aftergrowth in fall as a protection for the winter, but little of the lucerne was left in the past summer as the grass seems to have smothered it out.

MILLET.

Raleigh, Kent : A number of acres were sown when it was seen the hay crop would be light. On account of the protracted drouth a great deal of the seed never sprouted, and consequently the crop is a light one, but cut and secured in good condition.

Canboro', Haldimand : Millet is grown to some extent here both for fodder and seed. It pays to grow it as a green crop.

Canboro', Haldimand : Millet is grown in this locality, and as a grain is found excellent food for poultry. It also makes a rich and excellent chop when mixed with oats or any coarse grain for feeding to either hogs or cattle. When cut green it makes a superior hay. It has also this advantage, that it can be sown as late as the middle of June after the rush of the spring work is over. A good average crop will yield not less than three tons to the acre.

Walpole, Haldimand : Millet, or Hungarian grass, has been sown in considerable quantities. That which was sown early did not come up very well, but the late sown was very fair, and taken on the whole the crop will have a beneficial effect in relieving the scarcity of the hay crop.

Crowland, Welland : Considerable millet was sown on land prepared for corn which failed to grow. The millet proved a good substitute and will make quite an addition to the feed.

Ashfield, Huron : There has been a large quantity of millet sown, owing to the partial failure of the hay crop, and there has been a very good growth.

Huron, Bruce : There was some millet or Hungarian grass sown this year, which did very well, but it is not a common crop.

Gower N., Carleton : Some millet was sown this season and it turned out very well. It was sown as a substitute for hay, as the forepart of the season was very dry and the prospect for hay was poor.

St. Joseph's Island, Algoma : It was evident early in the season that hay was to be a very poor crop. Many farmers broke up some old meadow and sowed millet, which got the rain that came too late to benefit the hay crop. It yielded very satisfactorily, and will materially help many a farmer to tide over the winter months.

RAPE.

Usborne, Huron : Rape is coming into notice for plowing under for manure. I think it will materially increase the fertility of land. It should be sown in August or early in September and plowed under in the fall.

Westminster, Middlesex : A little rape is sown for pasturing lambs and it is very good.

Zorra E., Oxford : There is some rape grown but it is not popular among dairymen on account of rank flavor.

Erin, Wellington : Rape is grown to a great extent in this locality and makes a splendid feed for lambs and cattle.

Guelph, Wellington : There has been a very large breadth of rape grown yearly here for the purpose of fattening lambs for the American markets. I believe that this year there are not less than two thousand lambs being fattened for that market. The greater number of these lambs are secured from different parts of Ontario early in the fall and put on rape, and sold generally for shipment to the United States in the month of October and November.

Peel, Wellington : Rape is sown generally, and by some farmers extensively for fattening sheep and lambs. It was a heavy crop this season.

Scarboro', York : I think it would be well for farmers to pay more attention to the growing of rape, especially those who summer fallow with the expectation of putting in spring grain the next year. When sown for the purpose of enriching the soil by plowing down the land should be worked nice and fine and then sown broadcast and rolled. This should be done anytime from the 1st to the 15th of August. But rape sown for sheep should be in drills and much earlier.

Mara, Ontario : Rape has been grown more extensively than usual, and gave excellent results in fattening lambs and old ewes.

Charlottenburg, Glengarry : There has been a small quantity of rape grown this season for an experiment. It has done remarkably well.

Glamorgan, Haliburton : Rape has been sown this summer and made good fall feed, but with what success against thistles it needs another season to prove. The seeds were sown after tares in my own case. Next year I have a piece of rye to cut green and sow with rape to feed to sheep in the fall.

FLAX.

Canboro', Haldimand : Flax is a considerable crop here. It is grown for seed only, which is used for feeding purposes by mixing with other grain or meal for feeding all kinds of stock.

Crowland, Welland : The flax crop has not been very good this season owing to the dry weather in June.

Bosanquet, Lambton : Considerable quantities of flax are produced in this vicinity. The forepart of the season was too dry for this crop, but when the rains came the growth was very rapid, and about an average crop was harvested. A limited quantity of sorghum is also grown.

Grey, Huron : A good deal of flax was sown in this township this year and has been for some years past. It was a very good crop this year both in quality and quantity.

Stephen, Huron : Flax is grown to a considerable extent in this locality, there being fine flax mills in this vicinity which give employment to a considerable number of hands. Each mill requires from 200 to 400 acres of land to grow the flax.

Westminster, Middlesex : Flax was a fine crop, but it is not in favor with our farmers as it leaves nothing to return to the soil, and often leaves the land foul with mustard or charlock. It is good only for toning down new land that is too rich for cereals.

Nissouri, E., Oxford : There is considerable flax grown in this locality, but the price is very low considering the work and the exhausting nature of the crop, for even the roots are not left in the ground.

Zorra, E., Oxford : A large area of flax is grown, and on certain kinds of land pays well. It is mostly raised on strong mucky clay lands and sold by the ton, straw and all, or else the land is rented for the crop.

Wallace, Perth : Flax is grown to a considerable extent in this township, and to the injury of the land. Perhaps one-half of the farmers grow it. It does not pay and it is ruinous to a farm to grow much of it.

Nichol, Wellington : A large amount of flax is grown in this township. It gives a yield of from one and a half to three tons per acre of seed and straw fibre, and selling at from \$10 to \$11.50 per ton, and although to a great extent it takes from the productiveness of the land, yet if not entered upon too heavily by each one is a great help in bringing in ready cash at a scarce time. There is no cheese factory here, and the principal staples are beef, lambs and pork, all of which tend to the improvement of the land.

Peel, Wellington : Flax is grown extensively in this township and is usually a heavy crop, the soil being well adapted to its growth.

Waterloo, Waterloo : Flax is raised here and pays very well, as people can sell it for \$10 to \$12 a ton. Some have raised over two tons to the acre, but had to pay \$5 for the pulling.

Monck, Muskoka : Have raised some flax this year and had a splendid crop. I believe it would pay farmers to grow flax for feed for almost any kind of stock.

St. Joseph's Island, Algoma : Flax is grown by nearly everyone—that is enough for home use. The straw is of no value here. I do not know what the average yield of seed might be, but last year I had thirteen bushels of seed from one acre.

SORGHUM.

Pelees Island, Essex : Sorghum was sown more freely than in years past, and owing to the dry and hot weather in November while the seed was filling and the sucrose developing, we had a remarkably good crop and an excellent syrup. There was a large yield. I have made sorghum syrup for ten years, and I never knew a season when the yield was greater or the quality better.

Colchester S., Essex : Nearly every farmer raises a small patch of sorghum for family use. When the cane is fully ripe, which may be known either by the seed or the cane itself turning yellow, it is stripped of leaves and then cut and tied in bundles and taken to the cane mill where it is manufactured into syrup. The crop here this year was a very good one, and fully ripened before any frost came.

Gosfield N., Essex : Nearly all the farmers raise enough cane to make sufficient sorghum syrup for home use. The quality this year is not as good as it sometimes is. The lack of rain at the proper time was, I think, the cause.

Camden, Kent : Sorghum can be grown as easily as corn, and if properly manufactured makes a good syrup. We have a good factory in Dresden. The farmer grows the cane and pays 20c. a gallon for getting the syrup made. I think it would pay every farmer to grow at least enough for thirty gallons.

Harwich, Kent : There is a good deal of sorghum grown in a small way here. That is, a great many farmers are growing small quantities which they take to a factory near Bienenheim and get it manufactured into syrup for their own use.

Raleigh, Kent : Since the introduction of improved methods in its manufacture there has been a visible increase in area, but a much greater improvement will have to take place in its manufacture before it becomes popular.

HOPS.

Hallowell, Prince Edward : Hops were a good crop, and the area was larger than last year. Most of them were sold at a moderate price.

Plantagenet S., Prescott : A large quantity of hops are grown here, but just now the prices are low.

TOBACCO.

Pelee Island, Essex : Tobacco has been grown to a limited extent and did well this year, as indeed it invariably does here.

MISCELLANEOUS.

Yarmouth, Elgin : A small house seemed to be very numerous on the apple blossoms this spring. It spins a web around the bud and keeps it from bursting out. It has been the same for the last three years, and there has been a scabby crop.

Crowland, Welland : The present condition of the farming industry is not very profitable, more especially this season. Last year we had a ready market for all dairy produce, chickens, lambs and calves being bought up at our doors and taken to Buffalo. But the duty has almost closed that market against us.

Stamford, Welland : What the farmers of to-day need is more knowledge of those laws of nature upon which the farming industry is based. To teach these to men who have run in one rut for years is a difficult, if not a hopeless task. Probably the best way is to reach them through the farmers' institutes. The greatest improvement can be made by training the rising generation in the way they should go; make every inducement possible for them to attend the Ontario Agricultural College, and let the college employ agents to go out and "compel them to come in."

Hullett, Huron : All coarse grains should be consumed on the farm, as the great drawback to Canadian farming is a lack of good barnyard manure in order to retain and improve the condition of the soil. But before the full benefit can be derived from manure, the land ought to be well drained. Wet land in the spring especially is one of the great hindrances to successful agriculture. Wherever the water washes off the face of the land a considerable amount of the strength of the manure goes with it, but where the soil is drained and the water filters through it and is carried off by under-drains there is no loss of manure. With underdraining the land is also a week or ten days earlier for seeding.

Gainsboro', Lincoln : We need a change in the manner of road-making and statute labor. Township councils should also appoint inspectors to destroy noxious weeds and black-knot. There is too often a fear of offending men who keep dirty farms.

Whitchurch, York : During the last few years the jack rabbit has been increasing fast, and I fear that in a little while they may become a serious pest.

Hallowell, Prince Edward : Fancy peas are very much grown in this locality for seedsmen for shipment to the American market. Considerable sweet corn is also grown for canning purposes.

Camden, Addington : The only suggestion I can offer to improve the condition of farmers is to till only what we can thoroughly manure by the yield of the barnyard. Run the balance into meadow and pasture for dairy cows, dry stock and sheep.

Plantagenet S., Prescott : Farmers owe a debt of gratitude to the local and federal governments for imparting knowledge relating to their vocation, and more particularly to the provincial government for distributing bulletins to all members of farmers' institutes. These bulletins and reports, I am glad to say, are perused by them to some effect.

Otonabee, Peterborough : Several farmers are sowing a quarter of an acre of sugar beets so as to test the quality of the soil in this section for the growing of that crop.

Minden, Haliburton : This was a poor sap year, and not much maple sugar was made.

Nipissing, Parry Sound : We have good crops of oats and peas, several farmers having raised fully 1,000 bushels of the former cereal, and one young man has grown 1,500 bushels of oats and 900 bushels of peas. A considerable portion of our barley did not ripen on account of the early drouth. The growth of hay has been very fair, and much of the timothy is excellent. Many farmers here are growing roots, and great crops of Swede turnips are reported. Potatoes are abundant. Dairying is developing to a most encouraging extent. One farmer has ten milch cows and twenty head of other stock. Sheep are scarce, but we have some first-class swine. During last summer and fall your correspondent killed fifteen beef cattle and purchased nine head. My five acres of yellow Nile or Egyptian oats averaged 45 bushels to the acre, with four feet of straw. We threshed out 2,000 pounds of superior timothy seed mixed with a little clover.

STATISTICS OF

THE WEATHER AND THE CROPS

THE WEATHER.

TABLE I. Showing for each month the highest, lowest, mean highest, mean lowest, and mean temperature at the principal stations in Ontario in 1891; also the annual mean for each station.

Temperature.		Saugeen.	Birmam.	London.	Wood-stock.	Stoney Creek.	Toronto.	Lindsay.	Graven-hurst.	Ottawa.	Rockliffe.
		°	°	°	°	°	°	°	°	°	°
January.	Highest	42.0	44.4	44.0	44.0	53.0	41.9	40.2	47.0	35.5	34.0
	Lowest	-3.0	2.3	2.0	2.1	3.0	-2.0	-11.8	-22.2	-19.0	-38.0
	Mean highest	30.8	30.3	31.0	31.1	33.7	30.1	26.2	26.6	21.6	20.3
	Mean lowest	16.8	18.5	18.5	15.7	21.1	16.6	8.1	9.3	6.1	-1.0
	Monthly mean	22.60	24.40	26.00	25.14	27.48	24.15	18.07	18.05	14.48	8.30
February.	Highest	50.0	50.1	49.0	48.7	53.0	49.0	44.1	52.0	43.5	45.0
	Lowest	-2.5	3.8	3.0	1.2	4.0	2.1	-12.4	-17.0	-27.0	-35.0
	Mean highest	34.4	33.8	35.7	34.9	37.5	34.8	31.7	31.0	24.9	24.1
	Mean lowest	17.5	23.7	21.9	18.6	23.6	20.8	12.4	8.7	7.1	-3.9
	Monthly mean	24.60	28.44	28.82	28.11	31.28	28.02	21.50	19.89	15.14	7.90
March.	Highest	51.0	51.3	54.0	49.0	54.0	52.1	52.7	51.0	51.9	55.0
	Lowest	-1.8	-2.0	-5.0	-8.0	-1.0	4.7	-5.0	23.2	-17.1	-30.0
	Mean highest	35.2	34.1	35.2	33.9	36.6	35.0	33.0	33.8	32.3	33.9
	Mean lowest	18.7	20.8	20.4	18.2	24.7	22.5	16.2	11.4	16.3	6.2
	Monthly mean	25.30	27.45	28.98	27.63	30.71	28.81	25.01	24.13	24.90	19.20
April.	Highest	77.0	78.6	78.0	76.5	80.0	77.5	78.8	75.0	80.5	81.0
	Lowest	14.1	19.1	19.2	18.0	22.0	20.5	13.9	8.6	22.4	8.0
	Mean highest	52.3	54.1	57.6	54.9	55.5	52.1	53.5	49.6	52.3	52.0
	Mean lowest	32.5	35.0	35.0	32.7	39.5	34.8	31.6	29.3	33.8	27.2
	Monthly mean	40.50	44.53	47.24	44.81	47.47	43.24	41.93	39.77	42.94	37.30
May.	Highest	80.0	80.9	81.0	80.2	84.0	78.0	84.6	82.0	84.9	83.0
	Lowest	25.6	24.0	28.1	22.2	32.0	30.2	26.2	28.0	29.0	24.0
	Mean highest	61.9	64.0	67.1	64.9	67.0	62.1	66.7	62.9	66.1	66.5
	Mean lowest	38.4	39.2	39.5	38.0	43.8	40.9	38.6	38.7	40.4	33.7
	Monthly mean	48.00	51.61	56.17	52.75	54.99	51.51	52.10	50.65	53.21	48.40
June.	Highest	84.8	87.7	86.3	87.6	90.1	84.7	88.8	88.3	88.2	89.2
	Lowest	31.6	36.0	35.0	34.1	36.0	42.5	37.0	34.0	38.8	30.0
	Mean highest	75.5	78.1	79.8	77.3	77.5	74.6	78.2	77.2	79.1	79.9
	Mean lowest	51.7	53.1	54.2	52.3	56.0	54.3	50.7	51.0	53.8	33.4
	Monthly mean	62.60	65.61	70.38	65.63	66.88	64.34	64.69	64.41	66.48	63.10
July.	Highest	89.0	87.1	87.0	88.8	91.0	83.9	84.8	90.0	87.0	91.0
	Lowest	42.3	34.0	39.0	39.0	47.0	45.0	37.7	40.1	41.0	38.0
	Mean highest	74.8	74.8	75.1	75.2	77.9	73.6	74.2	74.2	74.7	74.6
	Mean lowest	52.9	52.0	51.6	50.5	56.5	54.7	51.5	53.0	54.1	50.8
	Monthly mean	61.30	63.44	66.79	63.84	67.70	63.69	62.35	62.73	64.15	61.00
August.	Highest	90.2	94.4	94.0	89.0	93.0	89.6	90.0	84.0	89.5	88.0
	Lowest	45.4	41.6	40.0	39.7	46.0	46.1	38.0	36.0	43.9	38.0
	Mean highest	77.6	76.3	77.4	76.9	79.2	75.0	77.5	74.6	76.4	75.4
	Mean lowest	55.6	55.1	54.4	52.5	59.0	57.1	52.4	51.4	56.0	50.8
	Monthly mean	63.01	65.70	67.95	65.66	68.08	65.56	64.21	62.57	65.44	59.88
Septemb'r.	Highest	89.0	84.9	87.0	86.5	90.0	87.5	90.6	85.0	89.0	88.0
	Lowest	38.6	38.7	35.0	36.5	38.0	41.9	36.8	35.0	36.8	36.0
	Mean highest	76.4	72.2	75.3	74.8	76.6	72.5	74.5	74.0	73.6	72.7
	Mean lowest	52.9	52.5	51.1	49.7	56.7	53.5	50.0	50.8	51.0	47.3
	Monthly mean	60.31	62.37	64.46	62.54	64.78	62.49	60.78	60.45	61.55	55.55
October.	Highest	84.0	78.9	80.0	85.0	80.7	83.0	82.0	85.0	85.0	85.0
	Lowest	25.1	25.5	21.0	17.9	25.0	21.6	17.7	18.0	22.5	17.0
	Mean highest	58.4	55.0	57.1	56.6	60.2	56.1	55.9	61.6	53.9	53.7
	Mean lowest	38.7	39.5	37.4	35.0	41.4	39.1	34.5	35.3	35.4	31.8
	Monthly mean	45.73	47.25	48.62	46.94	50.25	47.91	44.08	46.59	44.23	39.50
Novemb'r.	Highest	61.0	63.9	65.0	65.0	70.0	58.3	61.8	68.0	61.8	56.0
	Lowest	11.5	1.7	9.2	6.0	4.0	7.5	-3.3	-2.8	-1.5	-7.0
	Mean highest	43.9	40.8	43.8	42.5	48.1	43.0	41.3	47.2	41.7	38.4
	Mean lowest	30.8	29.6	30.0	26.8	32.7	30.3	25.0	26.0	25.2	22.0
	Monthly mean	36.00	35.23	36.99	35.68	40.47	37.05	33.60	33.97	33.29	29.20
Decemb'r.	Highest	51.2	53.8	55.0	55.5	58.0	49.0	50.9	56.0	49.0	49.0
	Lowest	9.6	10.2	8.2	2.5	10.0	3.4	-3.5	-2.0	-4.5	-10.0
	Mean highest	39.6	38.0	40.1	40.3	43.1	40.0	36.9	38.7	35.5	35.7
	Mean lowest	27.5	26.4	25.4	23.9	29.6	27.0	22.5	22.7	20.9	18.1
	Monthly mean	32.99	32.17	33.13	32.88	36.34	33.64	29.47	30.60	28.66	25.53
Annual mean		43.60	45.68	47.96	45.97	48.87	45.87	43.15	42.82	42.87	37.90

THE WEATHER.

TABLE II. Showing for each month the annual average of the highest, lowest, mean highest, mean lowest and mean temperature at the principal stations in Ontario derived from the ten years 1882-91; also the average annual mean at each station for the same period.

Temperature.		Saugeen.	Birnam.	London.	Woodstock.	Stony Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Rockcliffe.
		°	°	°	°	°	°	°	°	°	°
January.	Highest	45.5	46.8	47.3	47.0	52.4	44.8	42.5	43.4	40.1	39.0
	Lowest	-9.6	-9.5	-7.8	-13.5	-4.0	-9.3	-23.8	-28.1	-22.9	-37.0
	Mean highest	27.2	26.1	27.9	27.6	36.5	27.9	23.2	23.3	18.8	17.7
	Mean lowest	11.6	13.3	13.2	9.7	23.6	12.7	5.3	2.6	0.3	-7.0
	Monthly mean	19.80	19.67	21.51	20.07	23.13	20.88	14.57	13.92	10.20	6.04
February.	Highest	46.6	49.4	47.7	47.5	48.6	44.7	42.8	43.7	39.8	42.5
	Lowest	-8.9	-14.2	-10.0	-10.9	-5.2	-7.7	17.2	-23.1	-22.9	-34.3
	Mean highest	28.1	27.9	29.7	29.8	37.7	29.6	26.3	26.0	21.2	21.3
	Mean lowest	11.6	13.0	12.8	10.7	23.0	13.6	5.8	4.2	1.6	-5.0
	Monthly mean	19.72	20.44	21.86	21.51	23.44	22.09	16.45	15.77	12.06	8.47
March.	Highest	49.5	54.6	53.0	52.8	55.0	50.3	47.3	47.0	44.6	47.4
	Lowest	-6.3	-8.7	-6.6	-7.3	1.8	6.6	-12.5	17.7	-12.7	-26.3
	Mean highest	32.5	33.5	34.3	34.3	36.9	33.8	31.6	32.0	30.0	30.8
	Mean lowest	15.7	17.6	17.5	16.0	24.0	19.4	12.4	10.4	11.6	3.7
	Monthly mean	23.47	24.93	26.66	26.12	28.69	26.67	22.24	21.56	21.13	17.90
April.	Highest	74.0	78.9	77.3	76.8	79.0	70.0	74.8	70.3	73.6	73.8
	Lowest	12.8	14.3	17.5	15.7	23.1	20.8	12.1	8.8	12.3	3.9
	Mean highest	48.4	52.4	50.8	52.7	55.6	49.4	50.2	48.2	48.7	48.4
	Mean lowest	29.9	32.1	32.1	30.4	38.0	32.4	28.9	27.4	29.1	24.2
	Monthly mean	38.58	41.13	43.28	41.96	43.17	40.91	39.22	37.73	39.78	36.41
May.	Highest	78.7	82.8	80.4	80.2	82.6	76.0	81.7	81.9	81.5	85.0
	Lowest	27.2	27.2	30.3	28.1	35.7	31.1	27.0	26.4	29.5	23.4
	Mean highest	60.0	65.4	65.0	63.8	64.3	61.1	64.7	63.1	65.5	64.1
	Mean lowest	39.8	42.2	43.4	41.1	43.6	42.6	40.5	41.3	43.1	37.1
	Monthly mean	49.18	53.77	54.93	53.44	53.61	51.89	52.29	51.61	55.02	50.60
June.	Highest	84.8	87.7	86.3	87.6	90.1	84.7	88.8	88.3	88.2	89.2
	Lowest	36.7	35.8	39.1	37.5	44.9	42.3	37.2	36.3	40.1	33.5
	Mean highest	70.3	76.0	74.8	76.0	78.2	72.6	75.9	74.6	76.0	75.0
	Mean lowest	49.7	52.2	53.4	51.6	57.6	52.8	50.3	50.9	53.2	46.1
	Monthly mean	59.74	61.09	65.12	64.56	65.19	62.59	63.07	62.65	65.52	61.00
July.	Highest	83.3	90.5	89.1	89.2	93.6	88.0	90.3	88.5	89.6	90.4
	Lowest	41.0	40.4	44.9	44.0	50.9	47.9	42.5	42.9	46.7	40.3
	Mean highest	73.8	79.5	77.8	79.0	80.6	76.8	79.0	77.4	78.3	77.1
	Mean lowest	53.9	54.8	56.1	54.2	58.9	57.2	53.4	54.9	56.8	52.1
	Monthly mean	63.52	67.18	68.10	67.71	69.94	67.11	65.97	65.98	68.31	64.09
August.	Highest	86.2	90.5	88.3	89.5	91.9	86.8	90.1	87.7	88.6	88.9
	Lowest	40.3	38.6	40.0	41.3	47.5	45.7	38.1	39.6	42.2	37.7
	Mean highest	73.0	76.6	75.3	76.9	77.8	74.6	76.2	74.8	75.4	74.3
	Mean lowest	53.6	53.0	53.8	52.3	58.3	56.2	51.7	52.7	53.9	50.1
	Monthly mean	62.54	64.81	65.32	64.78	67.86	65.30	63.32	63.10	65.33	60.84
September.	Highest	84.6	86.8	84.6	86.5	88.9	82.0	86.4	83.6	83.6	84.2
	Lowest	32.3	32.5	32.8	30.9	37.0	36.9	29.9	31.6	31.4	29.7
	Mean highest	67.7	70.6	69.4	70.4	74.0	67.9	69.4	68.7	67.9	67.3
	Mean lowest	47.6	48.5	49.1	46.1	53.2	49.6	44.9	45.9	46.5	42.8
	Monthly mean	56.64	59.63	59.36	58.68	60.98	58.72	56.42	56.49	57.41	53.30
October.	Highest	73.3	76.3	73.6	74.7	74.7	70.8	74.2	72.2	69.5	72.3
	Lowest	22.0	22.4	23.1	21.4	25.4	25.0	18.6	20.3	21.6	16.6
	Mean highest	54.8	55.8	55.1	55.6	59.3	54.1	53.9	54.6	51.5	51.4
	Mean lowest	37.9	38.7	37.4	35.9	42.7	38.7	34.5	36.0	34.4	31.9
	Monthly mean	45.91	47.27	46.53	46.18	48.26	46.70	43.30	44.25	43.73	40.66
November.	Highest	61.8	63.9	62.5	62.7	65.6	59.6	61.1	61.2	58.6	56.4
	Lowest	11.4	12.7	13.4	9.7	16.0	12.7	2.5	5.3	3.6	-3.6
	Mean highest	43.0	42.8	43.9	42.9	47.5	42.8	40.3	41.6	38.5	36.8
	Mean lowest	29.4	30.4	29.6	27.2	33.1	30.2	25.2	24.8	24.8	21.5
	Monthly mean	35.60	36.59	37.13	35.93	39.20	36.74	32.50	33.13	32.11	29.12
December.	Highest	49.6	49.4	50.5	48.4	53.2	46.7	44.2	45.6	42.4	43.2
	Lowest	-1.4	-2.0	-2.7	-5.8	4.1	-1.2	-13.9	12.1	-15.3	-23.8
	Mean highest	33.5	32.6	34.1	32.9	38.3	33.7	29.1	30.0	25.0	25.2
	Mean lowest	20.6	20.6	20.1	17.8	24.7	20.8	13.4	13.9	8.9	5.1
	Monthly mean	27.04	26.59	27.84	26.48	30.69	27.73	21.87	22.77	17.74	15.22
Annual mean		41.81	43.84	44.80	43.95	46.18	43.94	40.94	40.75	40.75	36.97

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TABLE III. Monthly summary of bright sunshine at the principal stations in Ontario in 1891, showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year, and the average derived from the ten years 1882-91.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total for the year.
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
Hours of sun above horizon. }	285.7	*291.4	369.9	406.4	461.1	465.7	470.9	434.5	376.3	340.2	286.9	274.3	4463.3
Woodstock. { 1891...	61.4	74.0	99.3	186.1	245.4	247.3	275.7	222.0	231.0	143.9	56.3	92.4	1934.8
{ 1882-91	60.4	79.0	135.6	191.5	206.9	240.2	268.9	229.7	201.6	126.7	70.1	57.8	1868.4
Toronto. { 1891...	69.6	104.3	141.0	195.3	236.0	242.4	247.7	220.5	251.7	173.5	77.5	105.9	2065.4
{ 1882-91	75.9	93.2	149.7	196.3	222.1	261.2	285.3	250.4	216.4	138.6	80.5	56.1	2025.7
Barrie. { 1891...	59.3	70.6	122.8	176.1	213.8	234.4	231.0	205.9	220.3	148.4	47.2	72.9	1802.7
{ 1882-91	52.8	65.6	126.6	167.2	197.1	227.2	253.1	213.8	152.1	94.9	48.3	37.0	1635.7
Lindsay. { 1891...	72.5	99.9	165.5	210.5	227.4	271.7	242.4	207.6	237.6	171.9	61.7	87.2	2055.9
{ 1882-91	75.2	96.3	160.0	206.0	219.4	258.9	276.7	233.3	208.4	131.3	74.7	58.1	1998.3
Kingston { 1891...	50.2	100.3	166.4	185.3	225.2	231.6	249.2	230.7	214.5	163.0	104.0	89.9	2010.3
{ 1882-91	66.5	98.9	154.9	193.6	216.9	243.3	267.1	246.3	200.5	125.7	77.1	67.9	1958.7
Average of five stations { 1891...	62.6	89.8	139.0	190.7	229.6	245.5	249.2	217.3	231.0	160.1	69.3	89.7	1973.8
{ 1890...	50.5	69.0	142.1	210.0	174.5	254.7	280.4	234.6	195.2	85.1	93.8	77.9	1867.8
{ 1882-91	66.2	86.6	145.5	190.9	212.5	246.1	270.2	234.7	195.8	123.4	70.1	55.4	1897.4

* The average possible sunshine for February, 1882-91, was 293.6 hours.

TABLE IV. Monthly summary of inches of rain and snow precipitation in the several districts of Ontario in 1891; also the average derived from the ten years 1882-91.

Districts.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total for the year.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
<i>West and south-west :</i>													
Rain..... { 1891...	1.59	2.73	1.48	1.74	1.48	1.98	3.17	3.78	2.22	2.56	4.47	2.21	29.41
{ 1882-91	1.40	1.79	1.26	1.71	3.16	3.28	2.58	2.79	2.33	2.73	2.64	1.53	27.20
Snow..... { 1891...	8.0	6.2	13.4	0.1	*	.....	.....	.....	.....	.....	8.2	4.0	39.9
{ 1882-91	15.9	10.7	11.0	3.3	0.1	.....	.....	.....	.....	0.2	6.4	14.3	61.9
<i>Northwest and north :</i>													
Rain..... { 1891...	0.93	1.28	0.50	2.04	0.66	1.11	3.87	4.18	2.34	2.32	4.40	1.18	24.81
{ 1882-91	1.09	0.78	0.81	1.45	2.44	2.72	2.62	2.74	2.91	2.80	2.28	1.20	23.84
Snow..... { 1891...	16.4	18.4	24.8	1.7	*	.....	.....	.....	.....	*	11.5	9.1	81.9
{ 1882-91	28.4	22.0	15.5	3.9	0.5	.....	.....	.....	.....	1.3	13.6	21.0	106.2
<i>Centre :</i>													
Rain..... { 1891...	1.84	1.72	1.43	1.81	0.62	2.49	2.84	4.14	2.07	1.63	3.84	2.07	26.50
{ 1882-91	1.39	1.37	1.12	1.60	2.52	3.09	2.35	2.50	2.38	2.36	2.46	1.44	24.58
Snow..... { 1891...	13.2	12.9	17.7	0.2	*	.....	.....	.....	.....	.....	5.0	7.1	56.1
{ 1882-91	17.9	11.9	10.8	3.1	0.1	.....	.....	.....	.....	0.2	5.4	11.6	61.0
<i>East and north-east :</i>													
Rain..... { 1891...	1.11	1.35	2.44	1.49	1.53	1.76	4.12	3.64	1.48	1.85	2.93	1.92	25.62
{ 1882-91	1.06	0.90	1.00	1.41	2.41	2.77	3.01	2.73	2.46	2.07	2.05	1.12	22.99
Snow..... { 1891...	18.1	15.5	23.1	0.8	*	*	4.9	5.4	67.8
{ 1882-91	22.0	18.5	15.1	4.7	0.3	0.4	8.7	13.8	83.5

* Not measurable.

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TABLE V. Summary of the total fall of rain and snow, and of the number of days on which rain or snow fell in Ontario during the years 1890 and 1891 at stations reporting for the whole year and the average for the province.

Stations.	Observers.	Rain.				Snow.			
		1890.		1891.		1890.		1891.	
		Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
ESSEX :									
Cottam	W. E. Wagstaff	33.36	114	26.30	92	33.7	25	28.3	23
Pelee Island	J. Quick	35.47	59	26.07	45	35.0	7	35.0	8
Kingsville	W. Howlett	29.95	106	24.37	107	9.5	6	20.3	26
KENT :									
Blenheim	W. R. Fellows	37.08	100	31.28	82	39.3	17	27.8	21
Dealtown	S. J. Pardo	38.44	109	29.40	106	21.8	22	15.3	20
Ridgetown	T. Scane	36.47	132	30.22	95	48.7	35	40.0	41
ELGIN :									
Cowal	S. Maccoll	31.55	95	29.44	78	32.0	27	33.3	30
Lyons	Wm. McCredie	35.06	91	30.24	80	42.1	20	40.5	23
Port Stanley	M. Payne	33.74	164	30.17	144	64.1	67	51.0	50
NORFOLK :									
Port Dover	J. L. Morgan	34.31	160	23.77	132	34.7	48	46.1	63
WELLAND :									
Niagara Falls, S. ..	E. Morden	35.75	110	31.21	97	35.7	28	39.9	24
LAMBTON :									
Birnam	J. S. Mellor	32.72	105	33.21	98	63.4	34	55.5	34
Oil Springs	A. Smyth	25.07	75	18.89	68	31.5	21	27.0	30
Sarnia	Wm. Mowbray	29.53	70	27.03	56	33.5	12	42.5	14
Thedford	Martin Wattson	35.63	104	33.02	87	48.5	34	53.0	32
Watford	D. Ross	29.39	75	33.66	63				
Wyoming	J. Osborne	30.77	96	29.14	80	12.5	8	18.0	10
HURON :									
Goderich, L. H.	R. Campbell	24.01	84	24.78	68	83.5	38	72.5	28
Sunshine	G. Hood	27.34	99	30.87	87	60.7	44	69.8	51
Zurich	G. Hess	36.76	101	36.73	94	71.2	33	49.3	29
BRUCE :									
Lucknow	M. Macdonald	28.93	129	31.91	105	85.8	70	72.2	70
North Bruce	J. B. Muir	25.50	120	30.43	96	62.4	53	39.9	49
Point Clark	J. Ray	24.56	52	31.74	51	54.0	26	22.0	6
Saugeen	Mrs. J. R. Stewart	25.43	140	27.26	116	100.8	84	106.4	77
GREY :									
Bognor	C. H. Heming	27.37	124	30.06	122	111.8	56	135.5	62
Durham	J. Gunn, M.D.	26.48	113	24.74	95	144.0	80	170.3	74
Owen Sound	John McLean	28.95	79	30.59	61	103.0	38	103.3	30
Presque Isle	J. McKenzie	31.20	93	36.21	86	82.9	43	95.0	38
SIMCOE :									
Barrie	J. J. Gillam	29.94	116	23.01	100	64.8	61	88.5	56
Coldwater	J. B. Lazonby	26.44	97	27.50	88	103.9	52	152.8	59
Orillia	H. A. Fitton	23.16	104	20.52	84	96.0	48	124.9	77
MIDDLESEX :									
Coldstream	Daniel Zavitz	31.98	96	36.32	91	50.5	27	41.0	22
London	J. S. Dewar	30.94	109	37.33	124	71.0	52	48.9	63
Wilton Grove	H. Anderson	30.75	91	26.81	63	48.8	19	35.0	26
OXFORD :									
Princeton	D. Beamer	27.28	105	25.14	95	39.5	23	41.4	24
Woodstock	Prof. Wolverton	33.53	111	32.77	115	74.6	41	55.7	32
BRANT :									
Paris	John Kay	33.47	115	31.60	93	25.5	19	30.1	20
St. George	Dr. Kitchen	33.63	121	30.64	103	44.8	36	35.7	24
PERTH :									
St. Marys	J. Thomson	34.90	97	21.97	83	57.5	24	76.0	25
WELLINGTON :									
Elora	T. Connon	33.97	78	30.91	59	39.2	33	32.0	30
Guelph O. A. C.	Prof. J. H. Pantou	16.49	60	26.47	103	17.9	33	53.2	62

TABLE V. THE WEATHER.—(Continued.)

Stations.	Observers.	Rain.				Snow.			
		1890.		1891.		1890.		1891.	
		Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
DUFFERIN :									
Orangeville	N. Gordon	31.87	65	28.38	67	59.5	23	80.2	32
WENTWORTH :									
Stony Creek	C. F. Van Wagner	37.86	87	33.66	81	25.0	21	40.2	24
HALTON :									
Georgetown	J. Barber, jr	28.72	46	25.40	132	54.7	59	77.0	70
Nelson	J. Ireland	30.61	121	35.42	77	47.2	40	75.3	33
YORK :									
Aurora.	Rev. R. W. Amos..	25.56	90	21.43	77	57.7	42	50.7	41
Scarborough.....	R. Martin	30.42	124	27.49	102	42.2	50	31.7	41
Sharon.	J. D. Graham	28.32	114	26.14	109	61.6	52	63.0	49
Toronto	Observatory	32.11	145	26.74	125	52.6	81	47.8	70
LEN'X & ADDINGTON									
Denbigh	J. Lane.....	25.11	63	22.65	56	96.5	38	74.1	29
FRONTENAC :									
Kingston.....	A. P. Knight.....	26.29	131	24.94	143	69.1	71	51.3	60
GLENGARRY :									
Alexandria	J. Smith.....	30.10	125	27.42	106	97.2	71	63.6	60
CARLETON :									
Ottawa	W. T. Ellis.....	25.25	120	30.40	124	71.3	68	75.0	48
RENFREW :									
Clontarf	A. Schultz	24.40	93	25.47	97	89.1	68	85.7	60
Renfrew	A. F. Wright.....	17.15	76	21.14	79	67.0	38	47.1	42
Rockliffe	C. McIntyre	16.75	75	23.21	99	81.7	58	98.5	53
LANARK :									
Oliver's Ferry	W. J. McLean	25.36	78	24.40	77	54.0	15	40.5	21
VICTORIA :									
Lindsay	Thos. Beall.....	24.81	114	24.63	119	77.5	80	95.4	74
PETERBOROUGH :									
Ennismore	Thos. Tellford	30.04	109	19.79	67	59.5	45	54.0	32
Norwood	Rev. J. Carmichael	21.96	64	21.76	70	47.8	28	63.0	24
HALIBURTON :									
Haliburton	C. R. Stewart	21.32	94	21.55	95	59.3	66	61.8	60
HASTINGS :									
Bancroft	John Cleak.....	21.93	87	22.44	82	101.0	48	100.2	54
Deseronto	J. Russell	21.02	85	31.57	93	53.1	34	53.4	36
Shannonville	John Kemp	22.22	55	21.09	60	50.0	21	47.0	18
MUSKOKA :									
Bala	E. B. Sutton	30.69	133	27.12	112	74.6	58	82.6	67
Beatrice	J. Hollingworth ..	27.38	104	30.66	94	89.8	28	98.9	47
Novar	C. J. McDall	36.24	117	28.92	94	89.8	80	102.0	71
Gravenhurst	T. M. Robinson ..	21.61	84	24.92	92	83.0	45	74.8	53
PARRY SOUND :									
Lynch Lake	G. Ambury.....	30.38	115	21.85	87	153.1	73	99.5	65
Parry Sound	Rev. R. Mosely....	29.37	127	26.51	116	100.7	73	95.1	54
Sprucedale	A. Kirkam.....	29.39	68	35.01	71	76.3	28	90.0	32
Upland	P. Macdonald	38.85	113	27.93	87	108.7	72	106.4	80
ALGOMA :									
Cartier	Agent C. P. R.	19.12	70	19.90	55	132.0	56	81.0	37
Port Arthur.....	W. P. Cook	16.49	74	17.56	79	36.8	50	29.6	44
Savanne	Agent C. P. R.	9.94	45	22.29	57	95.0	51	82.0	43
White River	Agent C. P. R.	13.57	93	14.43	80	116.7	107	21.0	82
Average for the province		28.27	99	27.34	90	65.5	44	63.5	43

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TABLE VI. Comparative Meteorological Register for the seven years 1885-91, as recorded at Toronto Observatory, in Latitude 43° 39.4' N. and Longitude 5h. 17m. 31.65s. W.]

Register.	1891.	1890.	1889.	1888.	1887.	1886.	1885.
Average temperature.....	45.87	45.02	45.44	42.70	44.14	43.71	41.57
Difference from average (51 years)	+ 1.74	+ 0.89	+ 1.31	- 1.43	+ 0.01	- 0.42	- 2.56
Thermic anomaly (Lat. 43° 40')	- 5.15	- 6.00	- 5.58	- 8.32	- 6.88	- 7.31	- 9.45
Highest temperature.....	91.9	89.4	88.7	92.0	97.2	89.5	88.6
Lowest temperature.....	- 2.0	- 2.7	- 11.3	- 16.1	- 16.6	- 22.8	- 16.1
Annual range	93.9	92.1	100.0	108.1	113.8	112.3	104.7
Average daily range	16.45	16.22	15.55	16.55	17.12	16.53	16.85
Greatest daily range	37.8	36.0	42.8	37.7	34.0	32.6	39.2
Average height of bar. at 32° Fah.....	29.6385	29.6313	26.6177	29.6448	29.6329	29.6255	29.5933
Difference from average (50 years).....	+ 0.0198	+ .0126	- .0010	+ .0261	+ .0142	+ .0068	- .0254
Highest barometer.....	30.266	30.334	30.365	30.432	30.607	30.283	30.300
Lowest barometer.....	28.536	28.762	28.582	28.793	28.704	28.752	28.714
Annual range.....	1.730	1.572	1.783	1.639	1.903	1.531	1.586
Average humidity of the air.....	75	78	77	74	75	77	77
Difference from average.....	- 2	+ 1	0	- 3	- 2	0	0
Average elasticity of aqueous vapour.....	0.267	0.272	0.271	0.243	0.261	0.260	0.249
Average of cloudiness.....	0.59	0.62	0.63	0.63	0.63	0.61	0.61
Difference from average (37 years).....	- 0.03	.00	+ .01	+ .01	+ .01	- .01	- .01
Resultant direction of wind.....	N 57° W	N 48° W	N 63° W	N 59° W	N 46° W	N 56° W	N 62° W
" velocity of the wind.....	1.63	1.80	2.04	2.67	1.92	2.13	2.60
Average velocity (miles per hour).....	7.33	9.19	9.08	9.71	9.88	9.73	9.95
Difference from average (15 years).....	*	- 0.45	- 0.56	+ 0.07	+ 0.24	+ 0.09	+ 0.31
Total amount of rain in inches.....	26.735	32.110	24.575	22.819	17.969	27.726	26.351
Difference from average (51 years).....	-0.577	+4.798	-2.737	-4.493	-9.343	+0.414	-0.961
Number of days of rain.....	125	145	127	133	106	112	103
Total amount of snow in inches.....	47.8	52.6	66.5	34.6	77.9	73.5	65.6
Difference from average (48 years).....	-22.0	- 17.2	- 3.3	- 35.2	+ 8.1	+ 3.7	- 4.2
Number of days of snow.....	70	81	60	83	78	66	73
Number of fair days	193	159	187	175	203	196	203
Number of days completely clouded.....	60	68	79	58	76	74	65
Number of auroras observed.....	18	7	6	21	25	29	31
Possible to see aurora (No. of Nights)....	212	188	169	183	180	189	195
Number of thunder storms.....	18	21	24	23	22	26	19
Number of fogs.....	38	43	34	26	39	29	30
Number of hours of bright sunshine.....	2065.4	1977.6	1909.2	2048.3	2063.5	2034.4	2018.3
Difference from average (10 years)	+ 39.7	- 48.1	-116.5	+ 22.6	+37.8	+ 8.7	- 7.4
Number of hours of possible sunshine.....	4463.3	4463.3	4463.3	4474.4	4463.3	4463.3	4463.3

*During the year 1891, the wind has been obtained from the records of the anemograph at the Island and the entries at observation hours, and no comparison has been made with the result of former years.

RURAL AREA.

TABLE VII. Showing by County Municipalities and groups of counties the Rural Area of Ontario, as returned by municipal assessors for 1891.

Counties.	Acres of assessed land.			Acres cleared.		Acres [woodland.	Acres swamp, or marsh.	Per cent. cleared.
	Resident.	Non- resident.	Total occupied.	1891.	1890.			
Essex	412,671	13,492	426,163	216,029	212,120	193,282	16,852	50.7
Kent	543,228	24,150	567,378	311,605	304,453	229,556	26,217	54.9
Elgin	433,937	2,363	436,300	283,056	279,298	141,198	12,046	64.9
Norfolk	385,015	6,996	392,011	233,664	234,108	130,106	28,241	59.6
Haldimand	277,679	2,346	280,025	203,719	204,371	69,254	7,052	72.8
Welland	223,006	4,355	227,361	163,087	163,475	53,242	11,032	71.7
Totals	2,275,536	53,702	2,329,238	1,411,160	1,397,825	816,638	101,440	60.6
Lambton	636,189	24,838	661,027	318,722	306,379	313,539	28,766	48.2
Huron	788,516	6,735	795,251	569,017	563,959	137,104	89,130	71.6
Bruce	796,421	20,217	816,638	465,486	458,363	247,793	103,359	57.0
Totals	2,221,126	51,790	2,272,916	1,353,225	1,328,701	698,436	221,255	59.5
Grey.....	1,026,812	31,469	1,058,281	567,705	559,481	317,751	172,825	53.6
Simcoe	914,205	47,326	961,531	497,338	482,378	433,084	31,109	51.7
Totals	1,941,017	78,795	2,019,812	1,065,043	1,041,859	750,835	203,934	52.7
Middlesex	749,728	8,580	758,308	532,110	534,229	209,033	17,165	70.2
Oxford	469,023	2,941	471,964	350,903	346,886	95,612	25,449	74.3
Brant	214,278	2,031	216,309	172,462	171,136	24,005	19,842	79.7
Perth	510,548	5,115	515,663	371,368	365,633	86,473	57,822	72.0
Wellington	623,180	3,749	626,929	441,646	440,351	100,972	84,311	70.4
Waterloo	304,201	2,757	306,958	244,156	239,921	44,317	18,485	79.5
Dufferin	345,102	10,658	355,760	202,389	194,853	71,341	82,030	56.9
Totals	3,216,060	35,831	3,251,891	2,315,034	2,293,009	631,753	305,104	71.2
Lincoln	186,797	3,990	190,787	152,227	153,241	36,911	1,649	79.8
Wentworth	270,667	2,556	273,223	209,074	209,240	42,064	22,085	76.5
Halton	222,189	1,582	223,771	168,246	169,726	39,925	15,600	75.2
Peel	287,742	162	287,904	239,241	241,351	34,615	14,048	83.1
York	525,696	8,029	533,725	415,537	410,287	64,869	53,219	77.9
Ontario	487,084	14,624	501,708	316,488	340,473	84,140	71,080	69.1
Durham	365,905	2,308	368,213	273,832	272,581	70,146	24,235	74.4
Northumberland	429,147	4,876	434,023	319,902	321,327	91,263	22,858	73.7
Prince Edward	225,389	4,863	230,252	182,287	182,393	37,464	10,501	79.2
Totals	3,000,516	42,990	3,043,506	2,306,834	2,300,619	501,397	235,275	75.8
Lennox & Addington	369,694	51,814	421,508	211,127	204,917	129,801	80,480	50.1
Frontenac	573,923	94,215	674,138	219,918	219,811	319,109	135,111	32.6
Leeds and Grenville	742,808	5,243	748,051	421,463	419,125	223,902	102,686	56.3
Dundas	234,088	2,350	236,438	135,259	135,841	62,971	38,208	57.2
Stormont	247,486	6,160	253,646	122,440	117,631	111,973	19,233	48.3
Glengarry	288,448	451	288,899	149,337	147,294	117,314	22,248	51.7
Prescott	263,515	21,650	285,165	142,885	138,491	120,129	22,151	50.1
Russell	235,097	17,723	252,820	79,422	80,516	150,810	23,588	31.4
Carleton	552,860	3,961	561,821	288,668	289,943	138,551	134,602	51.4
Renfrew	885,902	29,312	915,214	267,705	262,716	564,255	83,254	29.3
Lanark	632,299	37,925	670,224	304,127	285,151	258,918	107,179	45.4
Totals	5,032,020	275,804	5,307,824	2,342,351	2,301,436	2,197,733	767,740	44.1
Victoria	545,146	26,420	571,566	249,405	244,356	186,313	135,848	43.6
Peterborough	509,277	27,482	536,759	226,298	232,351	252,250	58,211	42.2
Haliburton	541,729	21,429	563,158	31,508	29,907	498,661	32,789	5.6
Hastings	916,538	64,308	980,846	336,737	332,858	505,608	138,501	34.3
Totals	2,512,690	139,639	2,652,329	843,948	839,472	1,443,032	365,349	31.8
Muskoka	443,665	70,379	514,044	54,721	55,708	401,067	58,256	10.6
Parry Sound	464,407	44,481	508,888	48,140	41,985	431,468	29,280	9.5
*Nipissing	124,970	49,723	174,693	11,640	11,333	157,535	5,518	6.7
+Algoma	357,555	103,287	460,842	50,391	46,752	346,863	63,583	10.9
Totals	1,390,597	267,870	1,658,467	164,892	155,778	1,336,938	156,637	9.9
The Province	1891 21,589,562	946,421	22,535,983	11,802,487	.....	8,376,762	2,356,734	52.4
..... 1890 21,455,126	963,155	22,418,281	.....	11,658,699	8,343,447	2,416,135	52.0	.....

* Not including the organised township of McKim (since returned at 20,823 acres).

† Not including the acreages of the organised townships of Keewatin, Neebing, Rat Portage and Shuniah.

AREA AND PRODUCE—FALL WHEAT.

TABLE VIII. Showing by County Municipalities and groups of Counties the area and produce of Fall Wheat in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91: also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.
Essex	37,930	952,043	25.1	25,954	423,241	16.5	31,808	643,570	20.2
Kent	62,322	1,639,069	26.3	48,259	965,180	20.0	59,549	1,207,528	20.3
Elgin	42,621	1,223,223	28.7	39,096	836,654	21.4	43,353	881,648	20.3
Norfolk	34,006	911,361	26.8	30,579	617,696	20.2	32,856	617,451	18.8
Haldimand	32,265	709,830	22.0	29,515	442,725	15.0	32,689	546,338	16.7
Welland	22,148	504,974	22.8	20,313	345,321	17.0	22,229	373,334	16.8
Totals	231,292	5,940,500	25.7	193,716	3,635,817	18.8	222,484	4,269,869	19.2
Lambton	40,642	1,081,077	26.6	29,998	545,964	18.2	35,067	694,500	19.8
Huron	55,265	1,519,788	27.5	44,978	989,516	22.0	64,083	1,299,468	20.3
Bruce	36,119	935,482	25.9	32,789	711,521	21.7	45,676	902,856	19.8
Totals	132,026	3,536,347	26.8	107,765	2,247,001	20.9	144,826	2,896,824	20.0
Grey	20,278	496,811	24.5	18,759	333,910	17.8	25,963	513,152	19.8
Simcoe	53,695	1,342,375	25.0	47,946	872,617	18.2	53,638	1,131,275	21.1
Totals	73,973	1,839,186	24.9	66,705	1,206,527	18.1	79,606	1,644,427	20.7
Middlesex	69,151	2,019,209	29.2	60,169	1,365,836	22.7	71,276	1,468,788	20.6
Oxford	38,359	1,104,739	28.8	33,927	800,677	23.6	38,397	802,795	20.9
Brant	26,912	745,462	27.7	21,398	468,616	21.9	28,602	554,617	19.4
Perth	36,113	1,072,556	29.7	29,642	637,303	21.5	42,991	881,032	20.5
Wellington	13,816	366,124	26.5	12,102	231,148	19.1	23,804	481,488	20.2
Waterloo	36,721	947,402	25.8	32,550	696,570	21.4	38,784	815,771	21.0
Dufferin	6,580	150,024	22.8	4,894	89,071	18.2	9,617	186,544	19.4
Totals	227,652	6,405,516	28.1	194,682	4,289,221	22.0	253,471	5,191,035	20.5
Lincoln	21,227	496,712	23.4	18,186	318,255	17.5	21,258	394,191	18.5
Wentworth	23,941	632,042	26.4	23,755	406,211	17.1	29,423	558,284	19.0
Halton	18,728	432,617	23.1	16,284	260,544	16.0	21,150	414,946	19.6
Peel	23,331	513,282	22.0	16,129	288,709	17.9	25,175	533,556	21.2
York	32,451	814,520	25.1	24,134	514,054	21.3	35,330	785,546	22.2
Ontario	5,560	142,892	25.7	4,153	88,044	21.2	8,648	192,519	22.3
Durham	4,641	110,456	23.6	4,242	92,900	21.9	3,767	78,119	20.7
Northumberland	13,998	254,764	18.2	12,873	262,609	20.4	11,566	231,810	20.0
Prince Edward	6,588	118,584	18.0	3,345	76,935	23.0	2,666	47,915	18.0
Totals	150,465	3,515,869	23.4	123,101	2,308,261	18.8	158,983	3,236,886	20.4
Lennox and Addington ..	4,839	83,231	17.2	2,651	50,369	19.0	2,413	42,316	17.5
Frontenac	1,244	22,516	18.1	707	10,888	15.4	1,615	21,854	18.5
Leeds and Grenville	3,001	50,417	16.8	2,672	40,614	15.2	4,688	85,334	18.2
Dundas	508	10,719	21.1	285	4,275	15.0	974	17,621	18.1
Stormont	98	2,450	25.0	127	1,524	12.0	560	10,220	18.3
Glenagarry	195	3,413	17.5	65	813	12.5	508	8,344	16.4
Prescott	42	1,126	26.8	45	540	12.0	64	793	12.4
Russell	69	1,918	27.8	778	14,938	19.2	1,287	19,397	15.1
Carleton	233	3,914	16.8	418	7,942	19.0	830	14,687	17.7
Renfrew	1,966	34,405	17.5	2,177	27,430	12.6	2,977	55,874	18.8
Totals	12,195	214,109	17.6	9,952	159,925	16.1	16,108	287,877	17.9
Victoria	2,694	59,807	22.2	2,825	43,223	15.3	7,425	146,628	19.7
Peterborough	6,213	109,349	17.6	8,355	132,845	15.9	9,789	189,591	19.4
Haliburton	89	1,851	20.8	271	3,686	13.6	129	2,058	16.0
Hastings	12,757	236,005	18.5	11,825	224,675	19.0	9,466	183,171	19.4
Totals	21,753	407,012	18.7	23,276	404,429	17.4	26,809	521,448	19.5
Muskoka	27	432	16.0	32	480	15.0	61	1,054	17.3
Parry Sound	60	948	15.8	157	1,963	12.5	49	789	16.1
Nipissing	513	12,569	24.5	20	276	13.8	2	27	14.0
Algoma	600	13,949	23.2	695	13,483	19.4	447	8,999	20.1
Totals	849,956	21,872,488	25.7	720,101	14,267,383	19.8	902,846	18,059,235	20.0

AREA AND PRODUCE.—SPRING WHEAT.

TABLE IX. Showing by County Municipalities and groups of Counties the area and produce of Spring Wheat in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.
Essex.....	1,916	34,680	18.1	2,907	38,663	13.3	1,695	25,986	15.3
Kent.....	4,079	76,277	18.7	10,243	146,474	14.3	3,580	57,103	16.0
Elgin.....	1,015	19,793	19.5	1,436	23,407	16.3	1,626	25,412	15.6
Norfolk.....	971	16,313	16.8	769	10,535	13.7	838	12,207	14.6
Haldimand.....	4,822	66,061	13.7	7,299	81,019	11.1	3,432	45,975	13.4
Welland.....	608	8,634	14.2	894	10,549	11.8	1,349	18,713	13.9
Totals.....	13,411	221,758	16.5	23,548	310,647	13.2	12,320	185,396	14.8
Lambton.....	5,959	119,180	20.0	7,098	107,180	15.1	6,274	94,680	15.1
Huron.....	11,642	259,617	22.3	9,379	152,878	16.3	16,010	226,150	14.1
Bruce.....	11,812	231,515	19.6	13,768	209,274	15.2	13,293	191,625	14.4
Totals.....	29,413	610,312	20.7	30,245	469,332	15.5	35,577	512,455	14.4
Grey.....	21,981	464,647	18.6	33,734	448,662	13.3	38,895	554,063	14.2
Simcoe.....	29,587	606,534	20.5	36,774	485,417	13.2	34,428	536,156	15.6
Totals.....	51,568	1,071,181	19.6	70,508	934,079	13.2	73,323	1,090,219	14.9
Middlesex.....	4,229	87,117	20.6	4,936	85,393	17.3	9,861	152,124	15.4
Oxford.....	5,845	126,252	21.6	7,168	117,555	16.4	8,860	146,166	16.5
Brant.....	918	17,442	19.0	1,563	26,415	16.9	1,184	16,969	14.3
Perth.....	10,504	243,693	23.2	9,900	172,260	17.4	11,980	185,595	15.5
Wellington.....	23,280	521,472	22.4	20,826	366,538	17.6	20,359	316,027	15.5
Waterloo.....	2,654	58,919	22.2	2,846	47,528	16.7	4,605	69,933	15.2
Dufferin.....	21,356	459,154	21.5	24,810	377,112	15.2	20,825	312,253	15.0
Totals.....	68,786	1,514,049	22.0	72,049	1,192,801	16.6	77,674	1,199,067	15.4
Lincoln.....	2,345	34,472	14.7	3,017	34,997	11.6	2,201	31,926	14.5
Wentworth.....	4,351	75,707	17.4	5,135	73,431	14.3	2,886	44,073	15.3
Halton.....	5,417	96,423	17.8	8,820	121,716	13.8	4,098	63,006	15.4
Peel.....	17,608	373,290	21.2	22,470	343,791	15.3	13,701	234,471	17.1
York.....	24,034	526,345	21.9	32,394	427,622	13.0	26,156	450,907	17.2
Ontario.....	49,256	1,113,186	22.6	51,289	538,535	10.5	47,175	821,761	17.4
Durham.....	31,623	657,758	20.8	35,779	379,257	10.6	36,057	594,558	16.5
No. thumberland.....	23,166	410,038	17.7	29,210	315,468	10.8	27,153	382,267	14.1
Prince Edward.....	3,774	69,064	18.3	6,884	88,804	12.9	6,266	87,330	13.9
Totals.....	161,574	3,356,283	20.8	195,498	2,323,621	11.9	165,693	2,710,299	16.4
Lennox and Addington.....	2,841	52,274	18.4	6,510	67,053	10.3	5,657	82,552	14.6
Frontenac.....	8,473	177,086	20.9	9,398	98,679	10.5	8,696	132,720	15.3
Leeds and Grenville.....	9,242	206,097	22.3	13,181	127,856	9.7	12,769	204,823	16.0
Dundas.....	3,500	95,550	27.3	4,236	56,339	13.3	4,475	86,800	19.4
Stormont.....	3,388	80,634	23.8	4,073	56,207	13.8	4,368	79,868	18.3
Glengarry.....	7,641	164,282	21.5	7,967	91,621	11.5	7,872	131,060	16.6
Prescott.....	8,336	178,390	21.4	9,060	122,310	13.5	8,230	133,692	16.2
Russell.....	3,496	91,945	26.3	3,559	48,402	13.6	3,985	69,961	17.6
Carleton.....	22,510	679,802	30.2	25,165	269,266	10.7	21,871	397,796	18.2
Renfrew.....	22,187	463,708	20.9	26,482	325,729	12.3	24,228	406,024	16.8
Lanark.....	14,090	304,344	21.6	16,029	144,261	9.0	14,463	219,791	15.2
Totals.....	105,704	2,494,112	23.6	125,660	1,407,723	11.2	116,614	1,945,087	16.7
Victoria.....	30,340	628,038	20.7	35,477	457,653	12.9	31,877	490,245	15.4
Peterborough.....	30,573	513,626	16.8	28,920	335,472	11.6	26,131	359,949	13.8
Haliburton.....	1,652	28,084	17.0	1,940	21,340	11.0	1,395	18,625	13.4
Hastings.....	7,844	138,054	17.6	10,464	122,429	11.7	14,153	216,045	15.3
Totals.....	70,409	1,307,802	18.6	76,801	936,894	12.2	73,556	1,084,864	14.7
Muskoka.....	855	15,732	18.4	1,208	16,550	13.7	1,320	19,799	15.0
Parry Sound.....	910	14,196	15.6	1,143	13,145	11.5	1,336	21,307	15.9
Nipissing.....	286	5,148	18.0	260	3,718	14.3	55	887	16.1
Algoma.....	4,718	100,965	21.4	4,833	75,395	15.6	5,879	113,618	19.3
Totals.....	6,769	136,041	20.1	7,444	108,808	14.6	8,590	155,611	18.1
The Province.....	510,634	10,711,538	21.0	601,753	7,683,905	12.8	563,547	8,882,998	15.8

AREA AND PRODUCE—BARLEY.

TABLE X. Showing by County Municipalities and groups of Counties the area and produce of Barley in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91: also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	4,588	123,417	26.9	7,894	177,616	22.5	3,451	90,153	26.1
Kent	7,689	228,363	29.7	8,739	209,736	24.0	6,830	186,501	27.3
Elgin	5,392	167,691	31.1	8,055	190,904	23.7	4,863	132,627	27.3
Norfolk	4,967	125,665	25.3	6,088	130,283	21.4	6,051	154,037	25.5
Haldimand	8,015	130,645	16.3	12,672	198,950	15.7	13,589	298,556	22.0
Welland	3,120	81,120	26.0	3,597	58,991	16.4	3,730	87,276	23.4
Totals	33,771	856,901	25.4	47,045	966,480	20.5	38,514	949,150	24.6
Lambton	11,378	335,651	29.5	17,339	360,651	20.8	14,539	379,372	26.1
Huron	21,908	617,280	28.7	32,386	819,366	25.3	27,238	749,864	27.5
Bruce	12,747	372,212	29.2	16,622	433,834	26.1	18,472	482,501	26.1
Totals	45,633	1,325,143	29.0	66,347	1,613,851	24.3	60,269	1,611,737	26.7
Grey	12,833	361,891	28.2	15,726	396,295	25.2	21,533	533,049	24.8
Simcoe	27,291	821,459	30.1	30,632	722,915	23.6	30,920	807,774	26.1
Totals	40,124	1,183,350	29.5	46,358	1,119,210	24.1	52,453	1,340,823	25.6
Middlesex	13,728	418,704	30.5	17,752	434,924	24.5	15,225	407,488	26.8
Oxford	14,329	480,022	33.5	16,542	453,251	27.4	16,750	504,350	30.1
Brant	14,501	378,476	26.1	22,046	540,127	24.5	18,577	503,525	27.1
Perth	14,145	472,443	33.4	18,499	514,272	27.8	17,367	516,984	29.8
Wellington	28,976	915,642	31.6	34,022	932,203	27.4	35,098	1,000,626	28.5
Waterloo	17,859	562,559	31.5	20,843	619,037	29.7	17,128	526,375	30.7
Dufferin	11,115	315,666	28.4	12,502	312,550	25.0	11,934	306,762	25.7
Totals	114,653	3,543,512	30.9	142,206	3,806,364	24.8	132,079	3,766,110	28.5
Lincoln	3,098	66,607	21.5	5,315	101,517	19.1	4,318	105,180	24.4
Wentworth	10,925	266,570	24.4	15,466	335,612	21.7	13,068	355,616	27.2
Halton	8,790	225,024	25.6	12,018	288,432	24.0	12,754	354,578	27.8
Peel	27,431	757,096	27.6	36,832	865,552	23.5	34,900	959,431	27.5
York	43,812	1,423,890	32.5	51,041	1,117,798	21.9	55,899	1,626,095	29.1
Ontario	29,303	914,254	31.2	34,162	717,402	21.0	37,976	1,079,448	28.4
Dorham	33,802	1,047,862	31.0	37,797	650,108	17.2	45,383	1,214,057	26.8
Northumberland	24,019	617,288	25.7	32,423	573,887	17.7	42,922	965,896	22.5
Prince Edward	22,525	540,600	24.0	31,699	618,131	19.5	38,149	798,889	20.8
Totals	203,705	5,859,191	28.8	256,753	5,268,439	20.5	285,669	7,459,220	26.1
Lennox and Addington	17,958	463,316	25.8	25,854	447,274	17.3	36,781	812,924	22.1
Frontenac	8,208	215,870	26.3	12,529	236,798	18.9	16,981	387,784	22.8
Leeds and Grenville	8,898	261,601	29.4	8,327	151,551	18.2	10,554	264,235	25.0
Dundas	4,866	155,712	32.0	5,336	108,321	20.3	6,434	189,192	29.4
Stormont	2,501	80,282	32.1	3,289	74,003	22.5	2,410	66,752	27.7
Glengarry	2,168	61,571	28.4	2,466	50,306	20.4	2,231	52,133	23.3
Prescott	3,913	116,637	29.8	5,005	110,110	22.0	3,111	83,249	26.8
Russell	2,221	72,405	32.6	2,232	52,439	23.6	1,609	41,278	25.7
Carleton	10,489	418,511	39.9	9,353	231,954	24.8	8,284	249,974	30.2
Renfrew	1,435	35,736	25.6	1,681	31,771	18.9	1,466	35,472	24.2
Lanark	2,834	87,854	31.0	3,534	75,345	21.2	2,916	76,914	26.4
Totals	65,491	1,970,465	30.1	79,616	1,569,872	19.7	92,780	2,259,937	24.4
Victoria	22,833	723,806	31.7	25,692	565,224	22.0	29,877	765,362	25.6
Peterborough	5,672	143,502	25.3	7,924	159,272	20.1	12,525	302,467	24.1
Haliburton	253	6,199	24.5	308	6,252	20.3	278	6,625	23.8
Hastings	18,575	468,090	25.2	26,848	477,894	17.8	36,937	843,837	22.8
Totals	47,333	1,341,597	28.3	60,772	1,208,642	19.9	79,617	1,918,291	24.1
Muskoka	635	15,621	24.6	568	11,360	20.0	545	11,927	21.9
Parry Sound	912	21,067	23.1	755	16,459	21.8	686	15,641	22.8
Nipissing	135	3,308	24.5	194	4,326	22.3	33	763	23.1
Algoma	774	21,749	28.1	712	15,166	21.3	600	15,752	26.3
Totals	2,456	61,745	25.1	2,229	47,311	21.2	1,864	44,083	23.6
The Province	553,166	16,141,904	29.2	701,326	15,600,169	22.2	743,245	19,349,351	26.0

AREA AND PRODUCE—OATS.

TABLE XI. Showing by County Municipalities and groups of Counties the area and produce of Oats in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	33,872	1,293,910	38.2	40,809	1,048,791	25.7	30,886	1,167,948	37.8
Kent	36,835	1,598,639	43.4	35,034	1,005,476	28.7	33,281	1,331,331	40.0
Elgin	32,085	1,866,821	42.6	34,638	886,733	25.6	32,604	1,233,375	37.8
Norfolk	25,557	971,166	38.0	28,135	602,089	21.4	26,737	860,153	32.2
Haldimand	24,026	627,079	26.1	25,548	505,850	19.8	23,131	734,919	31.8
Welland	19,901	712,456	35.8	21,642	380,899	17.6	19,787	618,954	31.3
Totals	172,276	6,570,071	38.1	185,806	4,429,838	23.8	166,426	5,946,680	35.7
Lambton	49,276	2,138,578	43.4	55,419	1,344,149	24.7	41,807	1,524,690	36.5
Huron	86,709	3,607,094	41.6	94,630	2,952,456	31.2	79,467	2,935,086	36.9
Bruce	73,615	2,716,394	36.9	73,700	2,211,000	30.0	62,410	2,044,745	32.8
Totals	209,600	8,462,066	40.4	223,749	6,507,605	29.1	183,684	6,504,471	35.4
Grey	105,102	3,825,713	36.4	101,957	3,028,123	29.7	90,510	2,907,802	32.1
Simcoe	72,886	2,951,883	40.5	75,668	2,292,740	30.3	65,436	2,267,393	34.7
Totals	177,988	6,777,596	38.1	177,625	5,320,863	30.0	155,946	5,175,195	33.2
Middlesex	75,316	3,276,246	43.5	84,083	2,522,490	30.0	73,628	2,821,495	38.3
Oxford	55,812	2,617,583	46.9	58,287	1,731,124	29.7	53,476	2,083,720	39.0
Brant	20,026	805,045	40.2	20,690	587,596	28.4	18,429	673,717	36.6
Perth	66,984	3,208,534	47.9	68,435	2,436,286	35.6	58,040	2,400,992	41.4
Wellington	87,511	3,780,475	43.2	91,045	2,968,067	32.6	73,778	2,756,177	37.4
Waterloo	42,414	1,853,492	43.7	44,317	1,316,215	29.7	36,580	1,388,735	38.0
Dufferin	39,244	1,534,440	39.1	40,040	1,057,056	26.4	30,883	1,063,157	34.4
Totals	387,307	17,075,815	44.1	406,897	12,618,834	31.0	344,814	13,187,993	38.2
Lincoln	18,899	587,759	31.1	20,232	418,802	20.7	17,923	584,096	32.6
Wentworth	27,935	1,047,563	37.5	30,455	785,739	25.8	28,742	1,038,458	36.1
Halton	21,918	846,035	38.6	22,443	626,160	27.9	19,328	699,048	36.2
Peel	35,855	1,620,646	45.2	37,109	1,105,848	29.8	30,398	1,155,060	38.0
York	74,071	3,614,665	48.8	76,512	2,433,082	31.8	64,718	2,637,224	40.7
Ontario	57,609	2,598,166	45.1	54,935	1,659,037	30.2	50,128	1,951,374	38.9
Durham	40,112	1,652,614	41.2	36,511	938,333	25.7	34,417	1,234,944	35.9
Northumberland	32,474	1,208,033	37.2	34,521	869,929	25.2	30,537	927,235	30.4
Prince Edward	14,902	524,550	35.2	14,488	378,137	26.1	13,704	391,476	28.6
Totals	323,775	13,700,031	42.3	327,206	9,215,067	28.2	289,895	10,618,915	36.6
Lennox and Addington	21,996	820,451	37.3	25,212	562,228	22.3	22,368	648,296	29.0
Frontenac	30,278	1,108,175	36.6	29,902	702,697	23.5	27,919	812,083	29.1
Leeds and Grenville	71,190	2,783,529	39.1	72,221	1,661,083	23.0	66,299	2,132,105	32.2
Dundas	30,245	1,336,829	44.2	29,823	754,522	25.3	29,621	1,065,522	36.0
Stormont	23,096	953,865	41.3	22,342	625,576	28.0	24,033	840,195	35.0
Glengarry	31,718	1,230,658	38.8	30,480	697,992	22.9	30,323	979,193	32.3
Prescott	27,581	1,039,804	37.7	31,013	790,832	25.5	26,559	836,619	31.5
Russell	19,972	858,796	43.0	22,417	656,818	29.3	18,643	616,507	33.1
Carleton	64,883	3,120,872	48.1	63,724	1,816,134	28.5	60,696	2,182,097	36.0
Renfrew	46,390	1,758,181	37.9	43,262	1,163,748	26.9	41,359	1,341,717	32.4
Lanark	42,500	1,793,500	42.2	41,012	1,099,122	26.8	37,650	1,204,806	32.0
Totals	409,849	16,804,660	41.0	411,408	10,530,752	25.6	385,470	12,659,140	32.8
Victoria	43,639	1,741,196	39.9	42,032	1,269,366	30.2	39,333	1,334,672	33.9
Peterborough	36,658	1,290,362	35.2	31,797	880,777	27.7	30,605	970,697	31.7
Haliburton	5,180	166,278	32.1	5,777	155,979	27.0	5,132	143,501	28.0
Hastings	45,367	1,537,941	33.9	43,330	1,122,247	25.9	42,294	1,264,214	29.9
Totals	130,844	4,735,777	36.2	122,936	3,428,369	27.9	117,364	3,713,084	31.6
Muskoka	10,285	335,291	32.6	10,558	280,843	26.6	9,038	265,117	29.3
arry Sound	9,419	276,919	29.4	7,569	196,037	25.9	5,378	161,691	30.1
Nipissing	2,078	68,574	33.0	1,668	49,039	29.4	375	11,761	31.4
Algoma	7,215	202,742	28.1	6,944	190,960	27.5	4,815	166,556	34.6
Totals	28,997	883,526	30.5	26,739	716,879	26.8	19,606	605,125	30.9
The Province	1,840,636	75,009,542	40.8	1,882,366	52,768,207	28.0	1,663,205	58,410,603	35.1

AREA AND PRODUCE—RYE.

TABLE XII. Showing by County Municipalities and groups of Counties the area and produce of Rye in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91: also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	503	10,513	20.9	873	14,841	17.0	774	15,726	20.3
Kent	760	16,796	22.1	1,484	32,203	21.7	740	15,951	21.6
Elgin	610	11,773	19.3	1,116	18,972	17.0	1,243	22,185	18.1
Norfolk	4,999	81,484	16.3	9,714	124,339	12.8	7,457	103,717	13.9
Haldimand	353	4,695	13.3	561	7,896	14.0	763	12,248	16.1
Welland	388	7,256	18.7	243	3,645	15.0	594	10,268	17.3
Totals	7,612	132,517	17.4	13,994	201,896	14.4	11,571	180,395	15.6
Lambton	124	1,984	16.0	462	8,778	19.0	237	4,017	16.9
Huron	348	6,960	20.0	306	4,590	15.0	278	4,881	17.6
Bruce	588	10,996	18.7	964	19,280	20.0	472	8,663	18.4
Totals	1,060	19,940	18.8	1,732	32,648	18.8	987	17,561	17.8
Grey	515	9,270	18.0	1,031	14,125	13.7	568	9,887	17.4
Simcoe	1,831	34,240	18.7	3,038	47,697	15.7	2,319	41,806	18.0
Totals	2,346	43,510	18.5	4,069	61,822	15.2	2,887	51,693	17.9
Middlesex	396	8,158	20.6	892	15,342	17.2	507	8,875	17.5
Oxford	512	10,240	20.0	1,502	24,032	16.0	1,165	18,369	15.8
Brant	445	7,877	17.7	1,621	27,395	16.9	1,031	15,572	15.1
Perth	7	117	16.7	79	1,185	15.0	172	2,538	14.8
Wellington	639	11,310	17.7	622	10,574	17.0	804	14,313	17.8
Waterloo	322	6,826	21.2	576	10,980	17.5	513	8,980	17.5
Dufferin	315	6,300	20.0	357	5,177	14.5	671	11,984	17.9
Totals	2,636	50,828	19.3	5,649	93,785	16.6	4,863	80,631	16.6
Lincoln	78	1,451	18.6	606	7,757	12.8	398	6,122	15.4
Wentworth	692	12,733	18.4	965	14,475	15.0	951	16,215	17.1
Halton	564	11,562	20.5	877	11,664	13.3	532	8,968	16.9
Peel	469	7,316	15.6	586	9,786	16.7	1,197	23,290	19.5
York	758	14,857	19.6	1,089	20,691	19.0	1,580	26,582	16.8
Ontario	1,135	18,614	16.4	1,548	22,291	14.4	2,496	43,568	17.5
Durham	2,695	44,198	16.4	3,908	55,103	14.1	4,635	70,843	15.3
Northumberland	9,485	119,511	12.6	12,365	155,799	12.6	11,232	150,019	13.4
Prince Edward	5,378	85,510	15.9	6,329	88,606	14.0	8,555	120,702	14.1
Totals	21,254	315,752	14.9	28,273	386,172	13.7	31,576	466,309	14.8
Lennox and Addington	2,808	40,716	14.5	3,450	49,680	14.4	4,727	69,934	14.8
Frontenac	3,517	54,865	15.6	3,391	48,491	14.3	3,673	59,944	16.3
Leeds and Grenville	2,122	42,652	20.1	4,153	57,727	13.9	5,611	97,995	17.5
Dundas	584	13,841	23.7	486	10,400	21.4	1,248	28,234	22.6
Stormont	286	5,720	20.0	332	5,810	17.5	438	8,986	20.5
Glengarry .....	.....	.....	.....	201	3,015	15.0	61	1,022	16.8
Prescott .....	.....	.....	.....	54	783	14.5	227	4,192	18.5
Russell	453	11,325	25.0	471	9,891	21.0	256	5,323	20.8
Carleton	1,443	32,179	22.3	4,558	82,500	18.1	5,506	100,296	18.2
Renfrew	7,865	134,043	18.2	9,126	156,055	17.1	6,833	132,007	19.3
Lanark	2,710	51,490	19.0	3,354	50,981	15.2	4,350	51,089	18.6
Totals	21,288	386,831	18.2	29,576	475,333	16.1	32,930	589,022	17.9
Victoria	849	15,791	18.6	1,819	31,651	17.4	1,194	20,659	17.3
Peterborough	3,301	48,525	14.7	6,116	86,236	14.1	3,445	52,835	15.3
Haliburton	207	3,705	17.9	410	6,683	16.3	260	4,388	16.9
Hastings	6,508	101,525	15.6	10,513	170,311	16.2	13,000	201,893	15.5
Totals	10,865	169,546	15.6	18,858	294,881	15.6	17,899	279,775	15.6
Muskoka	122	2,367	19.4	367	6,166	16.8	360	6,795	18.9
Parry Sound	293	5,860	20.0	154	3,711	24.1	319	6,675	20.9
Nipissing	179	3,383	18.9	82	1,558	19.0	26	494	19.0
Algoma	209	4,096	19.6	307	5,373	17.5	218	3,861	17.7
Totals	803	15,706	19.6	910	16,808	18.5	923	17,825	19.3
The Province	67,865	1,134,630	16.7	103,061	1,563,345	15.2	103,636	1,683,211	16.2

AREA AND PRODUCE—PEAS.

TABLE XIII. Showing by County Municipalities and groups of Counties the area and produce of Peas in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acres.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	1,954	36,149	18.5	4,179	73,968	17.7	3,680	68,502	18.6
Kent	6,173	117,904	19.1	12,771	192,842	15.1	10,290	196,197	19.1
Elgin	14,822	366,103	24.7	19,080	249,293	13.1	13,194	246,099	18.7
Norfolk	20,485	450,670	22.0	23,842	381,472	16.0	16,273	316,183	19.4
Haldimand	17,451	251,294	14.4	18,316	289,393	15.8	14,134	252,158	17.8
Welland	5,049	87,853	17.4	6,058	75,725	12.5	4,338	73,372	16.9
Totals	65,934	1,309,973	19.9	84,196	1,262,693	15.0	61,909	1,152,512	18.6
Lambton	9,964	214,226	21.5	15,844	240,829	15.2	10,071	189,089	18.8
Huron	41,424	1,126,733	27.2	45,558	920,272	20.2	33,881	768,310	22.7
Bruce	46,946	1,258,153	26.8	43,548	1,062,571	24.4	38,571	889,508	23.1
Totals	98,334	2,599,112	26.4	104,950	2,223,672	21.2	82,523	1,846,907	22.4
Grey	52,323	1,302,843	24.9	48,563	1,058,673	21.8	46,611	1,016,435	21.8
Simcoe	38,840	994,304	25.6	37,511	810,238	21.6	32,724	714,801	21.8
Totals	91,163	2,297,147	25.2	86,074	1,868,911	21.7	79,335	1,731,236	21.8
Middlesex	24,689	632,038	25.6	29,829	466,213	16.3	22,934	452,041	19.7
Oxford	19,555	510,386	26.1	20,656	324,299	15.7	16,220	346,922	21.4
Brant	12,644	300,137	23.7	12,329	245,347	19.9	9,529	195,820	20.5
Perth	25,862	739,653	28.6	29,357	575,397	19.6	23,770	543,551	22.9
Wellington	37,645	937,361	24.9	43,377	915,255	21.1	37,763	855,480	22.7
Waterloo	18,697	501,079	26.8	19,999	415,979	20.8	15,176	344,133	22.7
Dufferin	16,037	356,621	22.2	15,354	322,434	21.0	12,369	260,627	21.1
Totals	155,149	3,976,675	25.6	170,901	3,284,924	19.2	137,761	2,998,574	21.8
Lincoln	6,406	94,809	14.8	7,701	120,136	15.6	5,112	89,530	17.5
Wentworth	12,642	266,746	21.1	14,046	276,706	19.7	11,104	225,097	20.3
Halton	11,339	253,994	22.4	13,729	270,461	19.7	10,704	227,980	21.3
Peel	16,976	370,077	21.8	20,465	425,672	20.8	14,528	300,462	20.7
York	32,036	797,696	24.9	36,074	771,984	21.4	29,089	650,449	22.4
Ontario	30,927	807,195	26.1	27,973	475,541	17.0	27,074	569,468	21.0
Durham	25,943	614,849	23.7	22,130	371,784	16.8	21,941	430,340	19.6
Northumberland	22,721	562,134	22.1	20,191	411,896	20.4	20,413	359,987	17.6
Prince Edward	20,449	474,417	23.2	18,907	414,063	21.9	14,179	262,531	18.5
Totals	179,439	4,181,917	23.3	181,216	3,539,243	19.5	154,094	3,115,844	20.2
Lennox and Addington	10,923	242,491	22.2	9,861	182,429	18.5	9,035	163,863	18.7
Frontenac	10,625	249,688	23.5	10,294	181,174	17.6	10,852	196,635	18.1
Leeds and Grenville	6,215	157,861	25.4	5,493	95,029	17.3	6,270	121,345	19.4
Dundas	1,555	41,985	27.0	1,262	31,298	24.8	1,660	36,381	21.9
Stormont	2,251	60,327	26.8	1,637	35,359	21.6	2,489	51,428	20.7
Glengarry	4,416	98,035	22.2	3,981	72,454	18.2	5,556	100,981	18.2
Prescott	6,063	166,126	27.4	6,396	111,930	17.5	8,350	141,205	16.9
Russell	2,726	66,242	24.3	4,039	76,141	19.0	3,637	71,526	19.7
Carleton	12,367	353,696	28.6	10,011	228,251	22.8	12,718	279,953	22.0
Renfrew	21,701	496,953	22.9	21,276	472,327	22.2	20,739	431,627	20.8
Lanark	11,785	320,552	27.2	11,346	230,324	20.3	11,411	247,896	21.7
Totals	90,627	2,253,956	24.9	85,596	1,717,316	20.1	92,717	1,847,840	19.9
Victoria	17,622	436,251	24.7	17,117	379,997	22.2	16,174	338,365	20.9
Peterborough	15,913	377,138	23.7	16,143	356,760	22.1	15,175	296,592	19.5
Haliburton	2,297	44,792	19.5	2,097	39,843	19.0	1,665	31,654	19.0
Hastings	20,788	476,045	22.9	20,707	447,271	21.6	18,738	343,231	18.3
Totals	56,660	1,334,226	23.5	56,064	1,223,871	21.8	51,752	1,009,842	19.5
Muskoka	4,187	104,675	25.0	3,756	83,008	22.1	2,941	62,690	21.3
Parry Sound	3,365	75,040	22.3	2,512	49,989	19.9	1,644	34,870	21.2
Nipissing	725	16,240	22.4	696	14,477	20.8	142	3,072	21.6
Algoma	6,870	174,498	25.4	5,245	122,209	23.3	4,144	105,271	25.4
Totals	15,147	370,453	24.5	12,209	269,683	22.1	8,871	205,903	23.2
The Province	752,453	18,323,459	24.4	781,206	15,389,313	19.7	668,962	13,908,658	20.8

AREA AND PRODUCE—CORN.

TABLE XIV. Showing by County Municipalities and groups of Counties the area and produce of Corn in Ontario in the years 1890 and 1891, with the yearly average for the nine years 1882-91 (1883 not included); also the yield per acre.

Counties.	1891.			1890.			Yearly average for the nine years 1882-91.		
	Acres.	Bushels in the ear.	Bush. per acre.	Acres.	Bushels in the ear.	Bush. per acre.	Acres.	Bushels in the ear.	Bush. per acre.
Essex	36,949	2,671,413	72.3	38,436	2,863,482	74.5	32,205	2,346,685	72.9
Kent	30,300	2,342,190	77.3	27,596	2,011,748	72.9	26,413	1,878,163	71.1
Elgin	14,625	1,216,800	83.2	13,313	812,093	61.0	14,336	1,041,263	72.6
Norfolk	12,272	895,856	73.0	13,027	648,745	49.8	13,723	873,773	63.7
Haldimand	1,155	88,242	76.4	1,916	91,555	47.8	1,861	121,460	65.3
Welland	5,736	477,235	83.2	5,626	268,360	47.7	6,109	385,922	63.2
Totals	101,037	7,691,736	76.1	99,914	6,696,013	67.0	94,647	6,647,266	70.2
Lambton	10,588	889,392	84.0	9,220	566,108	61.4	7,769	494,776	63.7
Huron	2,870	180,236	62.8	2,538	148,727	58.6	1,817	121,562	66.9
Bruce	1,860	103,788	55.8	1,832	78,776	43.0	855	45,128	52.8
Totals	15,318	1,173,416	76.6	13,590	793,611	58.4	10,441	661,466	63.4
Grey	1,567	62,680	40.0	2,004	100,200	50.0	776	36,069	46.5
Simcoe	1,558	109,060	70.0	1,342	81,862	61.0	939	55,591	59.2
Totals	3,125	171,740	55.0	3,346	182,062	54.4	1,715	91,660	53.4
Middlesex	12,732	1,115,323	87.6	12,935	811,025	62.7	11,172	770,541	69.0
Oxford	10,332	823,460	79.7	10,775	633,570	58.8	8,935	569,573	63.7
Brant	4,685	389,792	83.2	4,938	357,017	72.3	4,773	336,140	70.4
Perth	2,229	160,488	72.0	1,671	91,905	55.0	998	64,044	64.2
Wellington	1,848	83,576	62.0	1,551	93,060	60.0	768	45,678	59.5
Waterloo	1,795	133,728	74.5	1,494	94,570	63.3	1,340	88,649	66.2
Dufferin	256	12,800	50.0	226	11,300	50.0	110	5,661	51.5
Totals	33,377	2,719,167	81.5	33,590	2,092,447	62.3	28,096	1,880,286	66.9
Lincoln	6,262	512,232	81.8	5,970	257,307	43.1	6,249	401,196	64.2
Wentworth	5,337	438,701	82.2	5,214	333,696	64.0	4,596	335,860	73.1
Halton	2,015	173,290	86.0	1,803	129,275	71.7	1,327	87,372	65.8
Peel	1,184	88,800	75.0	1,121	67,260	60.0	665	42,811	64.4
York	2,957	206,990	70.0	2,727	163,620	60.0	1,714	112,106	65.4
Ontario	2,827	183,755	65.0	3,198	170,453	53.3	2,673	156,540	58.6
Durham	2,557	182,314	71.3	2,191	113,275	51.7	1,974	108,034	54.7
Northumberland	6,090	403,158	66.2	5,128	265,118	51.7	4,298	236,333	55.0
Prince Edward	7,022	439,577	62.6	7,340	448,474	61.1	6,113	313,787	51.3
Totals	36,251	2,628,817	72.5	34,692	1,948,478	56.2	29,609	1,794,039	60.6
Lennox and Addington	3,658	278,008	76.0	2,706	150,183	55.5	2,476	142,144	57.4
Frontenac	3,153	217,557	69.0	2,459	135,245	55.0	1,955	107,676	55.1
Leeds and Grenville	12,006	1,046,923	87.2	9,442	626,949	66.4	6,574	450,064	68.5
Dundas	4,478	379,287	84.7	2,233	131,524	58.9	2,035	138,794	68.2
Stormont	2,871	216,761	75.5	1,689	126,675	75.0	1,465	91,129	62.2
Glengarry	2,402	174,145	72.5	2,047	151,069	73.8	1,053	62,006	58.9
Prescott	2,486	222,248	89.4	1,268	95,354	75.2	1,442	89,567	62.1
Russell	1,398	108,345	77.5	752	43,842	58.3	558	31,025	55.6
Carleton	4,053	290,600	71.7	3,350	169,175	50.5	1,871	102,219	54.6
Renfrew	1,298	76,452	58.9	790	35,550	45.0	580	30,456	52.5
Lanark	2,767	143,054	51.7	2,028	126,750	62.5	1,561	78,262	50.1
Totals	40,570	3,153,380	77.7	28,764	1,792,316	62.3	21,570	1,323,342	61.4
Victoria	1,056	52,800	50.0	726	43,560	60.0	636	39,444	62.0
Peterborough	761	40,333	53.0	758	39,795	52.5	447	22,026	49.3
Haliburton	118	6,089	51.6	147	5,880	40.0	113	5,525	48.9
Hastings	8,943	626,010	70.0	7,918	402,234	50.8	6,216	330,797	53.2
Totals	10,878	725,232	66.7	9,549	491,469	51.5	7,412	397,792	53.7
Muskoka	266	10,640	40.0	234	8,564	36.6	214	8,248	38.5
Parry Sound	100	4,500	45.0	56	2,240	40.0	43	1,884	43.8
Nipissing	73	3,570	48.9	35	1,341	38.3	12	546	45.5
Algoma	91	6,461	71.0	66	2,640	40.0	79	3,785	47.9
Totals	530	25,171	47.5	391	14,785	37.8	348	14,463	41.6
The Province	241,086	18,288,659	75.9	223,836	14,011,181	62.6	193,838	12,810,314	66.1

AREA AND PRODUCE-BUCKWHEAT.

TABLE XV. Showing by County Municipalities and groups of Counties the area and produce of Buckwheat in Ontario in the years 1890 and 1891, with the yearly average for the nine years 1882-91; (1883 not included); also the yield per acre.

Counties.	1891.			1890.			Yearly average for the nine years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush. per acre.
Essex	2,287	54,659	23.9	934	17,092	18.3	822	19,205	23.4
Kent	1,301	35,517	27.3	1,361	29,534	21.7	932	20,953	22.5
Elgin	2,094	51,303	24.5	2,051	43,891	21.4	1,414	30,429	21.5
Norfolk	4,500	109,350	24.3	5,402	113,442	21.0	4,677	94,901	20.3
Haldimand	667	13,007	19.5	427	9,736	22.8	711	13,540	19.0
Welland	3,161	89,772	28.4	1,854	39,676	21.4	1,895	39,862	21.0
Totals.....	14,010	353,608	25.2	12,029	253,371	21.1	10,451	218,890	20.9
Lambton	820	20,828	25.4	1,103	17,097	15.5	521	10,859	20.8
Huron	378	10,584	28.0	456	9,120	20.0	277	5,615	20.3
Bruce	639	15,528	24.3	860	12,040	14.0	411	7,458	18.1
Totals.....	1,837	46,940	25.6	2,419	38,257	15.8	1,209	23,932	19.8
Grey	687	13,259	19.3	603	11,276	18.7	390	7,066	18.1
Simcoe	860	16,082	18.7	919	16,818	18.3	445	7,715	17.3
Totals.....	1,547	29,341	19.0	1,522	28,094	18.5	835	14,781	17.7
Middlesex	406	10,272	25.3	376	7,595	20.2	516	9,639	18.7
Oxford	862	19,740	22.9	933	15,861	17.0	663	12,958	19.5
Brant	522	11,797	22.6	790	15,326	19.4	653	13,232	20.3
Perth	117	2,925	25.0	86	2,150	25.0	109	2,327	21.3
Wellington	410	7,913	19.3	582	14,550	25.0	210	4,756	22.6
Waterloo	185	3,811	20.6	144	2,880	20.0	104	2,106	20.3
Dufferin.....	279	6,975	25.0	79	1,580	20.0	118	2,466	20.9
Totals.....	2,781	63,433	22.8	2,990	59,942	20.0	2,373	47,484	20.0
Lincoln	919	23,802	25.9	846	19,458	23.0	698	16,814	24.1
Wentworth	625	17,438	27.9	1,331	26,487	19.9	742	16,492	22.2
Halton	110	2,464	22.4	65	1,300	20.0	158	2,590	16.4
Peel	347	8,675	25.0	148	3,700	25.0	259	4,961	19.2
York	568	13,518	23.8	182	2,548	14.0	288	6,217	21.6
Ontario	2,952	72,619	24.6	1,238	26,369	21.3	777	18,582	23.9
Durham	7,235	169,299	23.4	3,995	86,692	21.7	2,185	48,694	22.3
Northumberland.....	11,936	284,077	23.8	11,038	231,798	21.0	6,734	145,290	21.6
Prince Edward	10,103	229,338	22.7	8,437	207,550	24.6	7,175	163,926	22.8
Totals.....	34,795	821,230	23.6	27,280	605,902	22.2	19,016	423,566	22.3
Lennox and Addington.	6,324	151,144	23.9	5,672	145,770	25.7	3,325	82,841	24.9
Frontenac	2,833	71,392	25.2	2,099	55,414	26.4	1,709	41,882	24.5
Leeds and Grenville	6,369	157,951	24.8	7,078	174,827	24.7	5,571	129,787	23.3
Dundas	2,860	74,646	26.1	2,420	74,294	30.7	1,727	47,341	27.4
Stormont	2,774	77,395	27.9	2,346	66,392	28.3	2,097	56,348	26.9
Glengarry	1,441	36,169	25.1	1,580	35,392	22.4	1,111	26,753	24.1
Prescott	1,884	42,955	22.8	1,762	33,830	19.2	1,571	34,075	21.7
Russell	1,500	43,350	28.9	1,373	35,149	25.6	1,026	25,585	24.9
Carleton	4,063	109,295	26.9	2,850	63,840	22.4	3,725	84,311	22.6
Renfrew	1,894	46,971	24.8	1,391	32,132	23.1	1,190	27,469	23.1
Lanark	4,791	125,524	26.2	4,917	108,666	22.1	5,323	125,129	23.5
Totals.....	36,733	936,792	25.5	33,488	825,706	24.7	28,375	681,521	24.0
Victoria	4,306	78,800	18.3	1,897	43,062	22.7	1,014	19,305	19.0
Peterborough	3,352	59,666	17.8	1,947	50,817	26.1	1,108	23,097	20.8
Haliburton	622	16,048	25.8	340	8,772	25.8	284	5,432	19.1
Hastings	6,582	169,816	25.8	5,218	116,361	22.3	4,133	98,166	23.8
Totals.....	14,862	324,330	21.8	9,402	219,012	23.3	6,539	146,000	22.3
Muskoka	616	16,694	27.1	548	12,549	22.9	351	9,202	26.2
Parry Sound	206	4,099	19.9	198	5,702	28.8	112	2,695	24.1
Nipissing	162	3,953	24.4	85	2,185	25.7	28	682	24.4
Algoma	330	7,722	23.4	150	3,000	20.0	100	2,247	22.5
Totals.....	1,314	32,468	24.7	981	23,436	23.9	591	14,826	25.1
The Province	107,879	2,608,142	24.2	90,111	2,053,720	22.8	69,389	1,571,000	22.6

AREA AND PRODUCE—BEANS.

TABLE XVI. Showing by County Municipalities and groups of Counties the area and produce of Beans in Ontario in the years 1890 and 1891, with the yearly average for the nine years 1882-91 (1883 not included); also the yield per acre.

Counties.	1891.			1890.			Yearly average for the nine years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	1,447	28,217	19.5	887	18,893	21.3	605	13,515	22.3
Kent	26,200	455,880	17.4	24,981	492,126	19.7	14,801	279,795	18.9
Elgin	3,347	67,944	20.3	2,599	49,901	19.2	1,459	30,699	21.0
Norfolk	132	2,785	21.1	378	6,124	16.2	495	9,414	19.0
Haldimand	151	3,050	20.2	323	4,942	15.3	170	3,204	18.8
Welland	1,429	24,293	17.0	1,155	13,860	12.0	790	12,244	15.5
Totals	32,706	582,169	17.8	30,323	585,846	19.3	18,320	348,871	19.0
Lambton	757	14,080	18.6	468	5,803	12.4	400	7,510	18.8
Huron	133	3,325	25.0	111	2,775	25.0	118	3,078	26.1
Bruce	134	3,685	27.5	150	2,700	18.0	109	2,229	20.4
Totals	1,024	21,090	20.6	729	11,278	15.5	627	12,817	20.4
Grey	167	3,758	22.5	351	7,020	20.0	138	2,543	18.4
Simcoe	140	3,024	21.6	78	1,404	18.0	109	2,145	19.7
Totals	307	6,782	22.1	429	8,424	19.6	247	4,688	19.0
Middlesex	343	7,066	20.6	322	6,118	19.0	315	6,093	19.3
Oxford	148	2,590	17.5	188	3,102	16.5	209	5,368	25.7
Brant	82	1,476	18.0	269	5,003	18.6	359	6,524	18.2
Perth	20	450	22.5	10	250	25.0	51	1,232	24.2
Wellington	17	340	20.0	39	780	20.0	36	690	19.2
Waterloo	8	160	20.0	61	1,220	20.0	34	700	20.6
Dufferin	99	2,079	21.0	28	560	20.0	28	596	21.3
Totals	717	14,161	19.7	917	17,033	18.6	1,032	21,203	20.5
Lincoln	192	3,763	19.6	262	5,240	20.0	169	3,502	20.7
Wentworth	197	4,098	20.8	541	8,927	16.5	175	3,470	19.8
Halton	7	175	25.0	17	298	17.5	36	690	19.2
Peel	24	480	20.0	24	420	17.5	50	1,235	24.7
York	134	3,189	23.8	79	1,975	25.0	130	3,357	25.8
Ontario	240	4,104	17.1	244	4,221	17.3	239	5,157	21.6
Durham	358	8,807	24.6	392	7,174	18.3	321	6,443	20.1
Northumberland	439	9,043	20.6	594	9,623	16.2	505	10,617	21.0
Prince Edward	247	4,026	16.3	377	6,861	18.2	432	8,691	20.6
Totals	1,838	37,685	20.5	2,530	44,739	17.7	2,057	43,362	21.1
Lennox and Addington ..	317	7,735	24.4	239	5,091	21.3	181	3,753	20.7
Frontenac	296	5,624	19.0	136	2,530	18.6	289	7,239	25.0
Leeds and Grenville	517	11,839	22.9	565	11,583	20.5	399	8,726	21.9
Dundas	290	7,192	24.8	228	5,700	25.0	258	6,297	24.4
Stormont	242	7,260	30.0	194	4,171	21.5	187	4,767	25.5
Glengarry	199	3,483	17.5	232	4,640	20.0	114	2,709	23.8
Prescott	786	18,392	23.4	365	6,888	17.5	515	13,465	26.1
Russell	196	4,096	20.9	197	3,546	18.0	199	4,348	21.8
Carleton	373	8,915	23.9	600	13,800	23.0	452	10,171	22.5
Renfrew	661	13,617	20.6	626	12,395	19.8	491	11,342	23.1
Lanark	268	6,084	22.7	278	5,365	19.3	226	5,370	23.8
Totals	4,145	94,237	22.7	3,660	75,209	20.5	3,311	78,187	23.6
Victoria	115	2,668	23.2	122	2,843	23.3	88	1,803	20.5
Peterborough	114	2,348	20.6	282	5,640	20.0	139	2,339	16.8
Haliburton	39	936	24.0	26	520	20.0	27	542	20.1
Hastings	291	4,365	15.0	327	7,488	22.9	303	6,016	19.9
Totals	559	10,317	18.5	757	16,491	21.8	557	10,700	19.2
Muskoka	41	820	20.0	37	833	22.5	42	869	20.7
Parry Sound	34	680	20.0	41	820	20.0	18	377	20.9
Nipissing	74	1,569	21.2	11	228	20.7	9	200	22.2
Algoma	6	90	15.0	22	440	20.0	14	273	19.5
Totals	155	3,159	20.4	111	2,311	20.9	83	1,719	20.7
The Province	41,451	769,600	18.6	39,456	761,341	19.3	26,234	521,547	19.9

AREA AND PRODUCE—HAY AND CLOVER.

TABLE XVII. Showing by County Municipalities and groups of Counties the area and produce of Hay and Clover in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Tons.	Tons per acre.	Acres.	Tons.	Tons per acre.	Acres.	Tons.	Tons per acre.
Essex	42,934	53,668	1.25	39,980	69,565	1.74	37,023	57,747	1.56
Kent	56,594	62,253	1.10	53,422	105,776	1.98	51,900	78,788	1.52
Elgin	55,026	57,777	1.05	54,527	104,147	1.91	50,312	75,166	1.49
Norfolk	45,395	47,211	1.04	42,532	72,730	1.71	40,915	55,007	1.34
Haldimand	49,891	31,930	.64	48,325	81,669	1.69	49,295	62,379	1.27
Welland	48,393	45,490	.94	47,790	91,757	1.92	47,006	63,467	1.35
Totals	298,233	298,329	1.00	286,576	525,644	1.83	276,452	392,554	1.42
Lambton	65,622	78,090	1.19	59,278	105,515	1.78	54,793	79,787	1.46
Huron	111,653	100,487	.90	110,221	209,420	1.90	96,856	134,963	1.39
Bruce	100,347	67,233	.67	101,149	169,930	1.68	85,987	107,066	1.25
Totals	277,622	245,810	.89	270,648	484,865	1.79	237,636	321,816	1.35
Grey	129,539	117,880	.91	126,129	239,645	1.90	116,863	144,837	1.24
Simcoe	90,029	90,929	1.01	83,666	135,957	1.63	77,442	102,368	1.32
Totals	219,568	208,809	.95	209,795	375,602	1.79	194,305	247,205	1.27
Middlesex	96,480	117,706	1.22	93,878	189,634	2.02	89,899	137,519	1.53
Oxford	65,797	88,826	1.35	66,180	144,272	2.18	62,457	97,078	1.55
Brant	31,124	37,038	1.19	32,782	75,071	2.29	31,629	46,830	1.48
Perth	68,770	74,959	1.09	72,403	159,287	2.20	67,252	102,992	1.53
Wellington	93,080	99,596	1.07	90,500	181,000	2.00	83,772	125,708	1.50
Waterloo	43,046	36,159	.84	43,690	85,632	1.96	42,399	64,183	1.51
Dufferin	37,570	43,957	1.17	34,205	62,595	1.83	33,622	45,197	1.34
Totals	435,867	498,241	1.14	433,638	897,491	2.07	411,030	619,507	1.51
Lincoln	38,860	36,917	.95	38,797	77,594	2.00	40,595	54,852	1.34
Wentworth	46,666	42,933	.92	41,830	94,954	2.27	44,702	64,771	1.45
Halton	33,366	26,693	.80	30,525	53,419	1.75	33,267	44,553	1.34
Peel	43,236	43,236	1.00	35,884	66,385	1.85	37,941	53,863	1.42
York	88,559	93,873	1.06	71,658	126,835	1.77	73,076	100,738	1.38
Ontario	55,249	60,774	1.10	59,897	106,617	1.78	53,011	75,339	1.42
Durham	46,272	46,272	1.00	46,882	89,545	1.91	43,645	61,801	1.40
Northumberland	59,656	43,549	.73	58,566	92,534	1.58	53,856	67,029	1.24
Prince Edward	33,068	35,383	1.07	33,602	53,091	1.58	29,978	40,080	1.34
Totals	444,932	429,630	.97	417,641	760,974	1.82	410,071	562,026	1.37
Lennox and Addington	59,865	62,260	1.04	63,769	95,654	1.50	49,552	60,145	1.21
Frontenac	72,280	67,943	.94	65,478	110,003	1.68	62,865	75,468	1.20
Leeds and Grenville	118,329	81,647	.69	119,216	180,016	1.51	111,276	141,641	1.27
Dundas	38,894	36,949	.95	40,071	60,107	1.50	35,406	52,909	1.49
Stormont	34,042	34,042	1.00	37,332	51,518	1.38	32,539	48,539	1.49
Glengarry	39,546	25,705	.65	40,757	54,343	1.33	36,590	55,585	1.52
Prescott	43,590	51,436	1.18	43,525	63,982	1.47	33,567	47,285	1.41
Russell	20,061	21,866	1.09	20,835	28,127	1.35	18,101	23,669	1.31
Carleton	69,047	67,666	.98	65,046	83,909	1.29	59,547	77,259	1.30
Renfrew	69,642	48,053	.69	63,443	84,591	1.33	62,646	66,160	1.06
Lanark	61,597	49,278	.80	58,962	83,726	1.42	59,380	78,476	1.32
Totals	626,893	546,845	.87	618,434	895,976	1.45	561,469	727,136	1.30
Victoria	46,430	36,215	.78	42,687	61,042	1.43	38,614	44,523	1.15
Peterborough	46,514	30,234	.65	40,151	65,446	1.63	38,698	43,159	1.12
Haliburton	11,432	6,173	.54	10,196	11,895	1.17	10,079	10,080	1.00
Hastings	79,954	51,970	.65	75,547	129,185	1.71	68,821	84,157	1.22
Totals	184,330	124,592	.68	168,581	267,568	1.59	156,212	181,919	1.16
Muskoka	21,414	11,778	.55	22,417	41,471	1.85	20,709	24,394	1.18
Parry Sound	19,445	15,750	.81	14,580	21,870	1.50	10,670	11,640	1.09
Nipissing	4,446	3,023	.68	4,703	8,223	1.75	915	1,125	1.23
Algoma	17,225	9,991	.58	14,989	26,231	1.75	11,026	13,411	1.22
Totals	62,530	40,542	.65	56,689	97,795	1.73	43,320	50,570	1.17
The Province	2,549,975	2,392,798	.94	2,462,002	4,305,915	1.75	2,290,495	3,102,733	1.35

AREA AND PRODUCE—POTATOES.

TABLE XVIII. Showing by County Municipalities and groups of Counties the area and produce of Potatoes in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	2,685	257,492	95.9	2,600	206,440	79.4	2,761	281,394	101.9
Kent	3,471	447,065	128.8	3,013	290,755	96.5	3,319	415,974	125.3
Elgin	2,609	371,261	142.3	2,646	222,793	84.2	2,792	290,301	104.0
Norfolk	2,733	337,252	123.4	2,807	200,701	71.5	3,305	339,829	102.8
Haldimand	1,046	104,809	100.2	1,320	92,928	70.4	1,436	155,135	108.0
Welland	1,974	208,652	105.7	2,254	143,129	63.5	2,327	220,157	94.7
Totals	14,518	1,726,531	118.9	14,640	1,156,746	79.0	15,940	1,702,790	106.8
Lambton	3,320	417,988	125.9	3,130	254,156	81.2	3,009	312,512	103.9
Huron	5,143	836,766	162.7	4,943	538,274	118.0	5,070	629,800	124.2
Bruce	4,938	857,237	173.6	4,633	529,089	114.2	4,765	575,508	120.8
Totals	13,401	2,111,991	157.6	12,706	1,321,519	104.0	12,844	1,517,820	118.2
Grey	6,853	1,087,571	158.7	6,815	1,089,037	159.8	6,879	898,770	130.7
Simcoe	8,017	1,224,196	152.7	7,396	982,928	132.9	6,927	905,143	130.7
Totals	14,870	2,311,767	155.5	14,211	2,071,965	145.8	13,806	1,803,913	130.7
Middlesex	5,545	865,575	156.1	6,078	577,410	95.0	5,600	614,760	109.8
Oxford	3,287	541,369	164.7	3,149	284,355	90.3	3,275	373,502	114.0
Brant	2,306	353,279	153.2	2,173	236,857	109.0	2,224	255,361	114.8
Perth	3,546	575,161	162.2	3,403	439,668	129.2	3,703	436,921	118.0
Wellington	5,508	908,371	156.4	6,203	825,619	133.1	5,894	740,708	125.7
Waterloo	2,699	411,598	152.5	2,896	351,285	121.3	2,879	356,069	123.7
Dufferin	3,720	595,944	160.2	3,919	540,038	137.8	3,187	455,035	142.8
Totals	26,911	4,251,297	158.0	27,821	3,255,232	117.0	26,762	3,232,356	120.8
Lincoln	1,732	222,042	128.2	1,747	140,109	80.2	1,887	188,578	99.9
Wentworth	4,332	615,577	142.1	4,219	391,945	92.9	3,647	436,627	119.7
Halton	1,619	191,528	118.3	1,532	146,766	95.8	1,601	180,475	112.7
Peel	3,500	425,250	121.5	3,218	276,104	85.8	2,974	317,756	106.8
York	7,520	1,049,040	139.5	8,244	867,369	105.2	7,613	824,036	108.2
Ontario	5,019	766,903	152.8	4,492	457,286	101.8	4,231	541,341	127.9
Durham	3,227	489,536	151.7	3,195	313,450	98.1	3,155	404,596	128.2
Northumberland	4,491	587,872	130.9	4,699	476,949	101.5	4,353	478,451	109.9
Prince Edward	2,018	268,738	133.2	2,324	181,737	78.2	2,375	227,650	95.9
Totals	33,458	4,616,546	138.0	33,670	3,251,595	96.6	31,826	3,599,490	113.1
Lennox and Addington	3,306	456,889	138.2	3,081	265,890	86.3	3,244	373,627	115.2
Frontenac	4,059	632,392	155.8	4,299	361,116	84.0	4,048	420,958	104.0
Leeds and Grenville	7,221	1,164,747	161.3	7,391	753,143	101.9	7,285	831,153	121.0
Dundas	2,478	436,128	176.0	2,216	365,640	165.0	2,423	351,346	145.0
Stormont	2,188	264,310	120.8	1,985	218,350	110.0	2,058	247,212	120.1
Glengarry	2,436	343,720	141.1	2,275	251,843	110.7	2,438	283,717	116.4
Prescott	2,472	462,511	187.1	2,195	358,005	163.1	2,386	326,651	135.9
Russell	1,648	246,541	149.6	1,434	176,382	123.0	1,510	163,090	108.0
Carleton	6,127	1,044,654	170.5	6,309	808,814	128.2	6,079	826,128	135.9
Renfrew	4,379	784,717	179.2	3,814	497,346	130.4	3,831	592,111	154.6
Lanark	3,726	612,927	164.5	3,336	421,337	126.3	3,565	509,499	142.9
Totals	40,040	6,449,536	161.1	38,335	4,477,866	116.8	38,867	4,975,492	128.0
Victoria	3,235	480,398	148.5	3,490	484,761	138.9	3,165	419,234	132.5
Peterborough	3,194	426,399	133.5	3,190	351,857	110.3	2,738	332,281	121.4
Haliburton	661	111,841	169.2	720	87,840	122.0	682	93,486	137.1
Hastings	5,436	771,912	142.0	5,311	517,823	97.5	5,747	694,015	120.8
Totals	12,526	1,790,550	142.9	12,711	1,442,281	113.5	12,332	1,539,066	124.8
Muskoka	1,430	242,385	169.5	1,395	176,886	126.8	1,362	190,119	139.6
Parry Sound	1,363	231,437	169.8	1,107	159,962	144.5	823	126,918	154.2
Nipissing	582	100,046	171.9	431	60,340	140.0	101	16,038	158.8
Algoma	1,119	223,800	200.0	1,067	186,725	175.0	776	136,681	176.1
Totals	4,494	797,668	177.5	4,000	583,913	146.0	3,062	469,756	153.4
The Province	160,218	24,055,886	150.1	158,094	17,561,117	111.1	155,449	18,840,683	121.2

AREA AND PRODUCE-MANGEL-WURZELS.

TABLE XIX. Showing by County Municipalities and groups of Counties the area and produce of Mangel-wurzels in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-'91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	273	91,182	334	219	128,334	586	203	80,629	397
Kent	457	229,871	503	471	220,428	468	316	132,174	418
Elgin	464	280,256	604	345	133,170	386	304	128,636	423
Norfolk	309	148,629	481	248	90,024	363	225	88,574	394
Haldimand	164	50,184	306	208	86,320	415	173	57,592	333
Welland	179	93,259	521	116	43,036	371	154	64,450	419
Totals.....	1,846	893,381	484	1,607	701,312	436	1,375	552,055	401
Lambton	625	331,875	531	445	194,465	437	417	170,788	410
Huron	1,834	1,028,874	561	2,155	1,038,710	482	1,581	730,955	462
Bruce	433	207,407	479	770	329,560	428	446	188,359	422
Totals.....	2,892	1,568,156	542	3,370	1,562,735	464	2,444	1,090,102	446
Grey	409	161,964	396	646	260,338	403	381	166,071	436
Simcoe.....	488	235,216	482	583	237,281	407	615	251,006	408
Totals.....	897	397,180	443	1,229	497,619	405	996	417,077	419
Middlesex	2,047	1,242,529	607	1,758	812,196	462	1,441	644,407	447
Oxford	1,708	1,006,012	589	1,652	751,660	455	1,304	619,826	475
Brant	408	257,040	630	404	204,828	507	360	183,057	508
Perth	2,027	1,029,716	508	2,862	1,419,552	496	1,713	816,599	477
Wellington	1,373	665,905	485	1,433	654,881	457	992	439,590	443
Waterloo	616	333,872	542	697	286,467	411	502	218,346	435
Dufferin.....	168	79,800	475	140	73,500	525	128	52,941	414
Totals.....	8,347	4,614,874	553	8,946	4,203,084	470	6,440	2,974,766	462
Lincoln	248	124,292	504	203	89,726	442	244	96,157	394
Wentworth	403	221,247	549	585	283,725	485	443	218,122	492
Halton	444	267,732	603	577	259,650	450	437	206,476	472
Peel	405	168,075	415	446	182,414	409	450	175,871	391
York.....	1,588	747,948	471	1,925	866,250	450	1,739	790,754	455
Ontario	727	363,500	500	988	529,568	436	779	354,574	455
Durham	399	227,829	571	711	284,400	400	469	205,670	439
Northumberland.....	508	236,728	466	491	225,860	460	463	199,500	431
Prince Edward	137	41,100	300	101	35,350	350	125	36,071	289
Totals.....	4,859	2,399,151	494	6,027	2,756,943	457	5,149	2,283,195	443
Lennox and Addington..	90	45,270	503	108	40,500	375	127	44,411	350
Frontenac	215	84,925	395	87	27,057	311	183	64,847	354
Leeds and Grenville	280	135,520	484	237	87,216	368	229	96,952	423
Dundas	156	103,116	661	81	26,730	330	108	46,074	427
Stormont	62	27,900	450	60	18,000	300	35	13,450	384
Glengarry	116	71,920	620	89	30,082	338	72	26,090	362
Prescott.....	53	24,115	455	202	84,234	417	83	31,121	375
Russell	142	65,746	463	243	106,920	440	80	30,027	375
Carleton	789	345,582	438	1,073	391,645	365	597	224,200	376
Renfrew	102	45,186	443	109	34,553	317	104	37,167	357
Lanark	161	69,391	431	158	75,524	478	142	57,261	403
Totals.....	2,166	1,018,671	470	2,447	922,461	377	1,760	671,600	382
Victoria.....	709	359,463	507	757	355,790	470	560	264,536	472
Peterborough	254	118,618	467	443	178,086	402	300	111,823	373
Haliburton	7	2,317	331	12	3,900	325	7	2,312	330
Hastings	902	378,840	420	1,064	395,808	372	434	148,717	343
Totals.....	1,872	859,238	459	2,276	933,584	410	1,301	527,388	405
Muskoka	52	17,108	329	40	13,480	337	50	13,398	268
Parry Sound.....	14	6,300	450	5	1,500	300	10	2,511	251
Nipissing	3	1,164	388	1	300	300	1	146	146
Algoma	13	4,225	325	5	1,500	300	20	5,858	293
Totals.....	82	28,797	351	51	16,780	329	81	21,913	271
The Province	22,961	11,779,448	513	25,953	11,594,518	447	19,546	8,538,096	437

AREA AND PRODUCE—CARROTS.

TABLE XX. Showing by County Municipalities and groups of Counties the area and produce of Carrots in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	105	28,455	271	104	35,152	338	91	22,907	252
Kent	179	69,273	387	232	74,936	323	156	46,183	296
Elgin	213	105,009	493	222	79,254	357	161	53,265	331
Norfolk	161	56,672	352	276	68,724	249	152	43,310	285
Haldimand	86	20,296	236	87	27,753	319	87	22,800	262
Welland	90	26,010	289	61	13,237	217	81	22,756	281
Totals	834	305,715	367	982	299,056	305	728	211,221	290
Lambton	233	82,482	354	265	87,980	332	201	60,735	302
Huron	480	202,080	421	422	160,782	381	498	194,715	391
Bruce	269	97,647	363	361	122,379	339	302	99,041	328
Totals	982	382,209	389	1,048	371,141	354	1,001	354,491	354
Grey	430	151,790	353	583	211,046	362	530	193,860	366
Simcoe	473	192,511	407	562	206,254	367	577	210,140	364
Totals	903	344,301	381	1,145	417,300	364	1,107	404,000	365
Middlesex	555	274,725	495	655	230,560	352	496	165,414	333
Oxford	313	151,492	484	354	126,732	358	351	141,494	403
Brant	143	66,638	466	196	88,592	452	206	86,822	421
Perth	270	122,580	454	494	194,636	394	409	159,276	389
Wellington	271	112,194	414	380	139,080	366	304	101,632	334
Waterloo	297	136,323	459	375	145,875	389	328	135,825	414
Dufferin	36	11,268	313	109	34,117	313	139	46,624	335
Totals	1,885	875,220	464	2,563	959,592	374	2,233	837,087	375
Lincoln	80	27,680	346	108	35,100	325	114	35,987	316
Wentworth	320	131,840	412	239	93,688	392	238	88,307	371
Halton	63	25,137	399	105	38,640	368	118	47,124	399
Peel	196	56,056	286	238	81,634	343	292	100,570	344
York	411	162,756	396	818	330,472	404	693	284,198	410
Ontario	269	108,676	404	482	209,670	435	488	189,711	389
Durham	244	104,920	430	575	186,300	324	486	180,442	371
Northumberland	238	79,963	336	288	103,392	359	272	92,467	340
Prince Edward	96	21,900	225	65	18,590	286	65	13,695	211
Totals	1,917	718,633	375	2,918	1,097,486	376	2,766	1,032,501	373
Lennox and Addington ..	57	20,634	362	59	21,417	363	59	17,109	290
Frontenac	287	98,728	344	126	24,066	191	179	46,220	258
Leeds and Grenville	329	105,609	321	293	90,830	310	188	58,990	314
Dundas	225	112,275	499	86	34,400	400	73	27,393	374
Stormont	52	19,084	367	36	9,000	250	44	12,286	279
Glengarry	115	37,950	330	36	9,000	250	50	12,971	259
Prescott	42	15,204	362	39	11,739	301	49	13,821	282
Russell	217	86,800	400	240	73,440	306	146	47,485	325
Carleton	545	197,290	362	978	303,180	313	577	183,507	327
Renfrew	145	47,995	331	83	32,204	388	108	33,107	307
Lanark	216	68,040	315	165	68,805	417	141	48,889	347
Totals	2,230	809,609	363	2,141	678,081	317	1,614	506,688	314
Victoria	225	90,000	400	281	91,606	326	293	108,200	369
Peterborough	346	123,176	356	432	177,984	412	338	109,550	324
Haliburton	43	12,814	298	25	8,500	340	22	6,683	304
Hastings	219	63,948	292	251	68,021	271	170	48,842	287
Totals	833	289,938	348	989	346,111	350	823	273,275	332
Muskoka	115	40,595	353	100	25,000	250	82	22,363	273
Parry Sound	100	29,700	297	57	9,975	175	36	3,373	260
Nipissing	3	960	320	10	2,000	200	1	296	296
Algoma	56	17,136	306	24	4,800	200	32	8,052	252
Totals	274	88,391	323	191	41,775	219	151	40,084	265
The Province	9,858	3,814,016	387	11,977	4,210,542	352	10,423	3,659,347	351

AREA AND PRODUCE-TURNIPS.

TABLE XXI. Showing by County Municipalities and groups of Counties the area and produce of Turnips in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the yield per acre.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	230	52,900	230	174	65,250	375	202	55,942	277
Kent	401	176,039	439	404	144,632	358	350	123,205	352
Elgin	421	225,235	535	402	140,700	350	363	130,494	359
Norfolk	1,362	644,226	473	1,306	428,368	328	1,028	393,395	383
Haldimand	159	52,152	328	84	29,400	350	122	35,719	293
Welland	143	54,483	381	209	50,787	243	169	56,559	335
Totals	2,716	1,205,035	444	2,579	859,137	333	2,234	795,314	356
Lambton	538	229,726	427	302	93,620	310	324	108,186	334
Huron	7,592	4,304,664	567	6,620	2,992,240	452	6,752	2,731,811	405
Bruce	7,005	3,755,216	536	5,714	2,445,592	428	5,733	2,331,971	407
Totals	15,136	8,289,606	548	12,636	5,531,452	438	12,809	5,171,968	404
Grey	10,546	5,905,760	560	9,794	4,044,922	413	9,132	3,777,954	414
Simcoe	4,636	2,679,608	578	3,551	1,633,460	460	3,476	1,479,333	426
Totals	15,182	8,585,368	565	13,345	5,678,382	426	12,608	5,257,287	417
Middlesex	1,468	904,288	616	1,822	624,946	343	1,674	633,708	379
Oxford	6,447	4,126,080	640	5,905	2,486,005	421	5,439	2,382,598	438
Brant	3,484	2,275,052	653	3,383	1,502,052	444	2,780	1,296,242	466
Perth	5,327	3,201,527	601	4,687	2,001,349	427	4,700	1,885,901	401
Wellington	13,468	8,148,140	605	12,994	5,327,540	410	12,964	5,621,698	434
Waterloo	5,146	2,825,154	549	4,780	1,940,680	406	5,059	2,045,808	404
Dufferin	3,074	1,718,366	559	2,745	1,092,510	398	2,452	969,109	395
Totals	38,414	23,198,607	604	36,316	14,975,082	412	35,068	14,335,064	423
Lincoln	256	112,384	439	262	94,320	360	235	82,630	352
Wentworth	2,932	1,700,560	580	3,073	1,545,719	503	2,504	1,188,008	474
Halton	2,071	1,168,044	564	1,728	886,464	513	1,733	781,832	451
Peel	2,056	1,003,328	488	1,381	615,926	446	1,398	535,908	383
York	5,053	2,587,136	512	4,410	1,869,840	424	3,498	1,412,937	404
Ontario	14,545	7,912,480	544	12,809	6,276,410	490	11,989	5,011,268	418
Durham	6,309	3,444,714	546	5,224	2,173,184	416	5,244	2,279,072	435
Northumberland	4,142	1,992,302	481	3,524	1,585,800	450	3,247	1,294,150	399
Prince Edward	127	48,260	380	98	37,338	381	117	27,976	239
Totals	37,491	19,969,208	533	32,509	15,085,001	464	29,965	12,613,781	421
Lennox and Addington	144	58,608	407	96	25,632	267	149	38,084	256
Frontenac	650	230,750	355	255	67,320	264	405	115,075	284
Leeds and Grenville	476	214,676	451	393	141,087	359	280	104,247	372
Dundas	60	29,520	492	71	20,093	283	65	19,732	304
Stormont	46	25,898	563	141	53,580	380	86	23,943	278
Glengarry	64	35,200	550	44	23,100	525	39	15,279	392
Prescott	180	90,720	504	62	20,336	328	115	44,514	387
Russell	534	257,922	483	573	236,649	413	332	134,671	406
Carleton	1,810	946,630	523	2,520	957,600	380	1,564	575,955	368
Renfrew	877	400,789	457	726	241,758	333	628	212,436	338
Lanark	677	328,345	485	479	180,583	377	491	181,822	370
Totals	5,518	2,619,058	475	5,360	1,967,738	367	4,154	1,465,768	353
Victoria	4,064	1,934,464	476	3,386	1,185,100	350	3,358	1,236,259	383
Peterborough	2,326	1,128,110	485	1,649	659,600	400	1,319	487,640	370
Haliburton	329	121,401	369	275	84,425	307	314	89,759	286
Hastings	1,312	494,624	377	835	265,530	318	886	257,913	291
Totals	8,031	3,678,599	458	6,145	2,194,655	357	5,877	2,121,571	361
Muskoka	1,087	418,495	385	796	299,296	376	980	310,939	317
Parry Sound	1,468	507,928	346	740	209,420	283	693	219,566	317
Nipissing	236	91,804	389	112	33,600	300	35	12,541	358
Algoma	796	289,744	364	517	206,800	400	520	177,481	341
Totals	3,587	1,307,971	365	2,165	749,116	346	2,228	720,527	323
The Province	126,075	68,853,452	546	111,055	47,040,563	424	104,943	42,981,280	410

RATIOS OF AVERAGE PRODUCTION.

TABLE XXII. Showing by County Municipalities and groups of Counties the per cent. ratios of total yields in 1891 to average of total yields for the ten years 1882-91.

Counties.	Fall wheat.	Spring wheat.	Barley.	Oats.	Rye.	Peas.	Corn.	Buckwheat.	Beans.	Hay and clover.	Potatoes.	Mangel-wurzels.	Carrots.	Turnips.
Essex	148	133	137	111	67	53	114	285	209	93	92	113	124	95
Kent	136	134	122	120	105	60	125	170	163	79	107	174	150	143
Elgin	139	78	126	111	52	149	117	169	221	77	128	218	197	173
Norfolk	143	134	82	113	79	143	103	115	30	86	99	168	131	164
Haldimand	130	144	44	85	38	100	73	96	95	51	68	87	89	146
Welland	135	46	93	115	71	120	124	225	198	72	95	145	114	96
Group	139	120	90	110	73	114	116	162	167	76	101	162	145	152
Lambton	156	126	88	140	49	113	180	192	187	98	134	194	136	212
Huron	117	115	82	123	143	147	148	188	108	74	133	141	104	158
Bruce	104	121	77	133	127	141	230	208	165	63	149	110	99	161
Group	122	119	82	130	114	141	177	196	165	76	139	144	108	160
Grey	97	84	68	132	94	128	174	188	148	81	121	98	78	156
Simcoe	119	113	102	130	82	139	196	208	141	89	135	94	92	181
Group	112	98	88	131	84	133	187	199	145	84	128	95	85	163
Middlesex	137	57	103	116	92	140	145	107	116	86	141	193	166	143
Oxford	138	86	95	126	56	147	145	152	48	91	145	162	107	173
Brant	134	103	75	119	51	153	116	89	23	79	138	140	77	176
Perth	122	131	91	134	5	136	251	126	37	73	132	126	77	170
Wellington	76	165	92	137	79	110	183	166	49	79	123	151	110	145
Waterloo	116	84	107	133	76	146	151	181	23	56	116	153	100	138
Dufferin	80	147	103	144	53	137	226	283	349	97	131	151	24	177
Group	123	126	94	129	63	133	145	134	67	80	132	155	105	156
Lincoln	126	108	63	101	24	106	128	142	107	68	118	130	77	136
Wentworth	113	172	75	101	79	119	131	106	118	66	141	101	149	143
Halton	104	153	63	121	129	111	198	95	25	60	106	130	53	149
Peel	96	159	79	140	31	123	207	175	39	80	134	96	56	187
York	104	117	88	137	56	123	185	217	95	93	127	95	57	183
Ontario	74	135	85	133	43	142	117	391	80	81	142	103	57	158
Durham	141	111	86	134	62	143	169	348	137	75	121	111	58	151
Northumberland	110	107	64	130	80	139	171	196	85	65	123	119	86	154
Prince Edward	247	79	68	134	71	181	140	140	45	88	118	114	158	173
Group	109	124	79	129	68	134	147	194	87	76	128	105	70	158
Lennox and Addington	197	63	57	127	58	144	196	182	206	104	122	102	121	154
Frontenac	75	133	56	136	92	127	202	170	78	90	150	131	214	201
Leeds and Grenville	59	101	99	131	44	130	233	122	136	58	132	140	179	206
Dundas	61	110	82	125	49	115	273	158	114	70	124	224	411	150
Stormont	24	101	120	114	64	117	238	137	152	70	107	207	155	108
Glenarry	41	125	118	126	...	97	281	135	129	46	121	276	293	230
Prescott .....	...	133	140	124	...	118	248	126	137	109	142	77	110	204
Russell	33	131	175	139	213	93	349	169	94	92	151	219	183	192
Carleton	10	171	167	143	32	126	284	130	88	88	126	154	105	164
Renfrew	27	114	104	131	102	115	251	171	120	73	133	122	145	189
Lanark	62	138	114	149	63	129	183	100	113	63	120	121	139	181
Group	74	128	87	133	66	122	238	137	121	75	130	152	160	179
Victoria	41	128	95	130	76	129	134	408	148	81	115	136	83	150
Peterborough	58	143	47	133	92	127	183	258	100	70	128	106	112	231
Haliburton	90	151	94	116	84	142	110	295	173	61	120	100	192	135
Hastings	129	64	55	122	50	139	189	173	73	62	111	255	131	192
Group	78	121	70	123	61	132	182	222	96	68	116	163	106	173
Muskoka	41	79	131	126	35	167	129	181	94	48	127	128	182	135
Parry Sound	120	67	135	171	88	215	239	152	180	135	182	251	317	231
Nipissing .....	...	580	434	583	685	529	654	580	785	269	624	797	324	732
Algoma	140	89	138	122	106	166	171	344	33	74	164	72	213	163
Group	128	87	140	146	88	180	174	219	184	80	170	131	221	182
The Province	121	121	83	128	67	132	143	166	148	77	128	138	104	160

RATIOS OF AVERAGE YIELD PER ACRE.

TABLE XXIII. Showing by County Municipalities and groups of Counties the per cent. ratios of average yields per acre in 1891 to average yields per acre for ten years 1882-91.

Counties.	Fall wheat.	Spring wheat.	Barley.	Oats.	Rye.	Peas.	Corn.	Buckwheat.	Beans.	Hay and Clover.	Potatoes.	Mangel-wurzels.	Carrots.	Turnips.
Essex.	124	118	103	101	103	99	99	102	87	80	94	84	108	83
Kent.	130	117	109	109	102	100	109	121	92	72	103	120	131	124
Elgin.	141	125	114	113	107	132	115	114	97	70	137	143	149	149
Norfolk.	143	115	99	118	117	113	115	120	111	78	120	122	124	123
Haldimand.	132	102	74	82	83	81	117	103	107	50	99	92	90	112
Welland.	136	102	111	114	108	103	132	135	110	70	112	124	103	114
Group.	134	111	103	107	112	107	108	121	94	70	111	121	127	125
Lambton.	134	132	113	119	95	114	132	122	99	82	121	130	117	128
Huron.	135	158	104	113	114	120	94	138	96	65	131	121	108	140
Bruce.	131	136	112	113	102	116	105	134	135	54	144	114	111	132
Group.	134	144	109	114	106	118	121	129	101	66	133	122	110	136
Grey.	124	131	114	113	103	114	86	107	122	73	121	91	96	135
Simcoe.	118	131	115	117	104	117	118	108	110	77	117	118	112	133
Group.	120	131	115	114	103	116	103	107	116	75	119	106	104	135
Middlesex.	142	134	114	114	118	130	127	135	107	80	142	136	149	163
Oxford.	138	131	111	120	127	122	125	117	68	87	144	124	120	146
Brant.	143	133	96	110	117	116	118	111	99	80	133	124	111	140
Perth.	145	150	112	116	113	125	112	117	93	71	137	106	117	150
Wellington.	131	145	111	116	99	110	104	85	104	71	124	109	124	139
Waterloo.	123	146	103	115	121	118	113	101	97	56	123	125	111	136
Dufferin.	118	143	111	114	112	105	97	120	99	87	112	115	93	142
Group.	137	143	108	115	116	117	122	114	96	75	131	120	124	143
Lincoln.	126	101	88	95	121	85	127	107	95	71	128	128	109	125
Wentworth.	139	114	90	104	108	104	112	126	105	63	111	112	111	122
Halton.	118	116	92	107	121	105	131	137	130	60	105	128	100	125
Peel.	104	124	100	119	80	105	116	130	81	70	114	106	83	127
York.	113	127	112	120	117	111	107	110	92	77	129	104	97	127
Ontario.	115	130	110	116	94	124	111	103	79	77	119	110	104	130
Durham.	115	126	116	115	107	121	130	105	122	71	118	130	116	125
Northumberland.	91	126	114	122	94	126	120	110	98	59	119	114	99	121
Prince Edward.	100	132	115	123	113	125	122	100	79	80	139	104	107	159
Group.	115	127	110	116	101	115	120	106	97	71	122	112	101	127
Lennox and Addington.	98	126	117	129	98	119	132	96	118	86	120	144	125	159
Frontenac.	98	137	115	126	96	130	125	103	76	78	150	112	133	125
Leeds and Grenville.	92	139	118	121	115	131	127	106	105	54	133	114	102	121
Dundas.	117	141	109	123	105	123	124	95	102	64	121	155	133	161
Stormont.	137	130	116	118	98	129	121	104	118	67	101	117	132	203
Glengarry.	107	130	122	120	....	122	123	104	74	43	121	171	127	140
Prescott.	....	132	111	120	....	162	144	105	90	84	137	121	128	130
Russell.	150	149	127	130	120	123	139	116	96	83	139	123	123	119
Carleton.	184	166	132	134	123	130	131	119	106	75	125	116	111	142
Renfrew.	95	124	106	117	94	110	112	107	89	65	116	124	108	135
Lanark.	93	142	117	132	102	125	103	111	95	61	115	107	91	131
Group.	98	141	123	125	102	125	127	106	96	67	126	123	116	135
Victoria.	113	134	124	118	108	118	81	96	113	68	112	107	108	124
Peterborough.	92	122	105	111	96	122	108	86	123	58	110	125	110	131
Haliburton.	130	127	103	115	106	103	106	135	119	54	123	100	98	129
Hastings.	95	115	111	113	101	125	132	108	75	53	118	122	102	130
Group.	96	127	117	115	100	121	124	98	96	59	115	113	105	127
Muskoka.	92	123	112	111	103	117	104	103	97	47	121	123	129	121
Parry Sound.	98	98	101	98	96	105	103	83	96	74	110	179	114	109
Nipissing.	....	112	106	105	99	104	107	100	95	55	108	266	108	109
Algoma.	122	111	107	81	111	100	148	104	77	48	114	110	121	107
Group.	120	111	106	99	102	106	114	98	99	56	116	130	122	113
The Province.	129	132	112	116	103	117	115	107	93	70	124	117	110	139

ACREAGE UNDER CROP; ALSO PASTURE AND ORCHARD.

TABLE XXIV. Showing by County Municipalities and groups of Counties in Ontario the total area under crop enumerated in Tables VIII—XXI, for the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the area in Pasture and in Orchard and Garden for the same period.

Counties.	Acres in crop.			Pasture.		Orchard and garden.		
	1891.	1890.	1882-91.	1891.	1890.	1891.	1890.	1882-91.
				Acres.	Acres.	Acres.	Acres.	Acres.
Essex.....	167,673	165,950	145,673	30,720	30,784	6,521	6,050	6,050
Kent.....	236,761	228,010	212,065	57,607	47,661	9,048	7,294	7,571
Elgin.....	175,344	179,476	168,186	71,812	68,604	7,037	7,031	7,025
Norfolk.....	157,849	165,103	155,232	43,677	39,299	7,187	7,626	7,708
Haldimand.....	140,251	146,604	141,766	38,148	35,488	4,326	4,446	4,525
Welland.....	112,319	111,812	110,850	27,225	24,271	6,683	7,070	6,792
Totals.....	990,197	996,955	933,772	269,189	246,107	40,802	39,517	39,671
Lambton.....	199,846	200,371	175,542	87,526	74,054	6,850	7,205	6,364
Huron.....	346,979	354,703	334,064	172,246	154,177	9,181	8,652	8,527
Bruce.....	297,453	296,860	277,482	121,806	111,753	6,136	5,743	5,739
Totals.....	844,278	851,934	787,088	381,578	339,984	22,167	21,600	20,630
Grey.....	366,230	366,695	359,152	147,403	141,680	7,151	6,741	7,169
Simcoe.....	330,331	329,666	309,981	87,220	72,881	4,707	5,117	4,731
Totals.....	696,561	696,361	669,133	234,623	214,561	11,858	11,858	11,900
Middlesex.....	307,085	315,485	304,771	173,524	166,959	10,009	10,336	10,407
Oxford.....	223,306	227,218	217,814	89,539	85,098	8,070	7,862	8,355
Brant.....	118,220	124,582	120,584	28,718	26,927	3,463	3,574	4,373
Perth.....	235,921	241,528	233,261	84,157	80,937	4,847	4,754	4,837
Wellington.....	307,642	315,676	296,555	87,228	85,924	4,922	4,378	4,826
Waterloo.....	172,459	175,268	165,531	31,677	32,732	4,840	4,948	5,149
Dufferin.....	139,849	139,408	126,084	36,015	35,033	1,553	1,486	1,506
Totals.....	1,504,482	1,539,165	1,464,600	530,858	513,612	37,704	37,338	39,453
Lincoln.....	100,602	103,252	101,598	22,931	22,747	8,439	8,150	7,938
Wentworth.....	141,298	146,854	143,388	36,567	35,020	8,891	8,861	9,033
Halton.....	106,451	110,523	107,254	34,269	33,493	4,992	4,859	4,850
Peel.....	172,618	176,051	163,925	37,134	33,399	4,175	4,207	4,216
York.....	313,952	311,787	301,490	53,382	53,467	6,603	6,285	7,508
Ontario.....	255,618	257,408	247,728	58,986	55,462	5,042	4,908	5,230
Durham.....	205,417	203,532	203,634	40,229	43,806	2,986	3,047	3,717
Northumberland.....	213,363	225,911	217,355	66,039	60,200	6,543	6,304	6,433
Prince Edward.....	126,434	133,996	130,388	30,090	31,469	5,596	5,817	6,090
Totals.....	1,635,753	1,669,314	1,616,760	379,627	369,063	53,267	52,438	55,035
Lennox & Add'n.....	135,126	149,268	140,084	59,352	44,636	2,850	2,358	2,758
Frontenac.....	146,118	141,160	141,331	55,565	56,476	1,849	1,964	2,173
Leeds & Gren.....	246,195	250,662	237,956	136,910	136,204	2,759	2,513	3,104
Dundas.....	90,699	88,834	86,413	39,360	40,413	1,218	1,252	1,191
Stormont.....	73,897	75,583	72,387	40,803	35,668	1,026	767	937
Glengarry.....	92,457	92,220	88,072	45,565	46,145	618	584	586
Prescott.....	97,386	100,991	86,327	38,860	29,763	335	284	291
Russell.....	54,606	58,382	50,273	22,562	19,047	39	54	136
Carleton.....	198,568	196,315	184,661	74,851	70,252	256	299	505
Renfrew.....	178,309	173,227	165,066	66,308	63,279	203	186	506
Lanark.....	150,088	147,795	144,799	113,787	99,734	818	837	1,058
Totals.....	1,463,449	1,474,437	1,397,819	693,923	641,597	12,011	11,098	13,295
Victoria.....	178,157	178,308	173,534	48,149	42,419	1,750	1,377	1,750
Peterborough.....	155,191	148,107	142,695	57,285	52,334	1,915	1,734	1,933
Haliburton.....	22,929	22,544	20,387	6,889	5,611	117	111	102
Hastings.....	215,478	220,158	221,517	88,966	94,939	5,348	5,108	5,398
Totals.....	571,755	569,117	558,133	201,289	195,303	9,130	8,330	9,133
Muskoka.....	41,132	42,056	38,064	11,305	8,776	581	422	380
Parry Sound.....	37,689	29,074	21,838	8,295	6,314	41	15	28
Nipissing.....	8,982	8,308	1,729	2,055	1,417	16	11	3
Algoma.....	39,935	35,576	28,670	8,539	5,358	255	169	163
Totals.....	127,738	115,014	90,301	30,194	21,865	893	617	574
The Province.....	7,834,213	7,912,297	7,517,606	2,721,281	2,542,092	187,832	182,796	189,741

RATIOS OF AREAS UNDER CROP.

TABLE XXV. Showing by County Municipalities and groups of Counties the number of acres under the various crops in Ontario in 1891, per 1,000 acres of cleared land.

Counties.	Fall wheat.	Spring wheat.	Barley.	Oats.	Rye.	Peas.	Corn.	Buckwheat.	Beans.	Hay and clover.	Potatoes.	Mangel-wurzels.	Carrots.	Turnips.	Totals.
Essex	175.6	8.9	21.2	156.8	2.3	9.1	171.0	10.6	6.7	198.7	12.4	1.3	.5	1.1	776.2
Kent	200.0	13.1	24.7	118.2	2.4	19.8	97.2	4.2	84.1	181.6	11.1	1.5	.6	1.3	759.8
Elgin	150.6	3.6	19.0	113.3	2.2	52.4	51.7	7.4	11.8	194.4	9.2	1.6	.8	1.5	619.5
Norfolk	145.5	4.1	21.2	109.4	21.4	87.7	52.5	19.3	.6	194.3	11.7	1.3	.7	5.8	675.5
Haldimand	158.4	23.7	39.4	117.9	1.7	85.7	5.7	3.3	.7	244.9	5.1	.8	.4	.8	688.5
Welland	135.8	3.7	19.1	122.0	2.4	31.0	35.2	19.4	8.8	296.7	12.1	1.1	.5	.9	688.7
Group	163.9	9.5	23.9	122.1	5.4	46.7	71.6	9.9	23.2	211.4	10.3	1.3	.6	1.9	701.7
Lambton	127.5	18.7	35.7	154.6	.4	31.3	33.2	2.6	2.4	205.9	10.4	1.9	.7	1.7	627.0
Huron	97.1	20.5	37.8	152.4	.6	72.8	5.1	.7	.2	196.2	9.0	3.2	.9	13.3	609.8
Bruce	77.6	25.4	27.4	158.1	1.3	100.8	4.0	1.4	.3	215.6	10.6	.9	.6	15.0	639.0
Group	97.6	21.7	33.7	154.9	.8	72.7	11.3	1.4	.8	205.1	9.9	2.1	.7	11.2	623.9
Grey	35.7	44.0	22.6	185.1	.9	92.2	2.8	1.2	.3	228.2	12.1	.7	.7	18.6	645.1
Simcoe	108.0	59.5	54.9	146.6	3.7	78.1	3.1	1.7	.3	181.0	16.1	1.0	.9	9.3	664.2
Group	69.5	51.1	37.7	167.1	2.2	85.6	2.9	1.5	.3	206.2	14.0	.8	.8	14.3	654.0
Middlesex	130.0	8.0	25.8	141.5	.7	46.4	23.9	.8	.6	181.3	10.4	3.9	1.0	2.8	577.1
Oxford	109.3	16.6	40.8	159.1	1.5	55.7	29.4	2.5	.4	187.5	9.4	4.9	.9	18.4	636.4
Brant	156.0	5.3	84.1	116.1	2.6	73.4	27.2	3.0	.5	190.5	13.4	2.4	.8	20.2	685.5
Perth	97.2	28.3	38.1	180.4	.0	69.6	6.0	.3	.1	185.2	9.6	5.5	.7	14.3	635.3
Wellington	31.3	52.7	65.6	198.2	1.4	85.2	3.1	.9	.0	210.8	13.2	3.1	.6	30.5	696.6
Waterloo	150.4	10.9	73.1	173.7	1.3	76.6	7.3	.8	.0	176.3	11.1	2.5	1.2	21.1	706.3
Dufferin	32.5	105.5	54.9	193.9	1.6	79.2	1.3	1.4	.5	185.6	18.4	.8	.2	15.2	691.0
Group	98.4	29.7	49.5	167.3	1.2	67.0	14.4	1.2	.3	188.3	11.6	3.6	.8	16.6	649.9
Lincoln	139.4	15.4	20.4	124.2	.5	42.1	41.1	6.0	1.3	255.3	11.4	1.6	.5	1.7	660.9
Wentworth	114.5	20.8	52.3	133.6	3.3	60.5	25.5	3.0	1.0	223.2	20.7	1.9	1.5	14.0	675.8
Halton	111.3	32.2	52.2	130.3	3.4	67.4	12.0	.7	.0	198.3	9.6	2.6	.4	12.3	632.7
Peel	97.5	73.6	114.7	149.9	2.0	71.0	4.9	1.4	.1	180.7	14.6	1.7	.8	8.6	721.5
York	78.1	57.8	105.4	178.3	1.8	77.1	7.2	1.3	.3	213.1	18.1	3.8	1.0	12.2	755.5
Ontario	16.0	142.1	84.6	166.3	3.3	89.2	8.2	8.5	.7	159.4	14.5	2.1	.8	42.0	737.7
Durham	17.0	115.5	123.4	146.5	9.9	94.7	9.3	26.4	1.3	169.0	11.8	1.5	.9	23.0	750.2
Northumberland	43.8	72.4	75.1	101.5	29.7	71.0	19.0	37.3	1.4	186.5	14.0	1.6	.7	13.0	667.0
Prince Edward	36.1	20.7	123.6	81.7	29.5	112.2	38.5	55.4	1.4	181.4	11.1	.7	.5	.7	693.5
Group	65.2	70.0	88.3	140.4	9.2	77.8	15.7	15.1	.8	192.9	14.5	2.1	.8	16.3	709.1
Lennox & Add'n	22.9	13.5	85.1	104.2	13.3	51.7	17.3	29.9	1.5	283.5	15.7	.4	.3	.7	640.0
Frontenac	5.7	38.5	37.3	137.7	16.0	48.3	14.3	12.9	1.3	328.7	18.5	1.0	1.3	2.9	664.4
Leeds & Gren	7.1	21.9	21.1	168.9	5.0	14.8	28.5	15.1	1.2	280.8	17.1	.7	.8	1.1	584.1
Dundas	3.8	25.9	36.0	223.6	4.3	11.5	33.1	21.1	2.1	287.6	18.3	1.2	1.7	.4	670.6
Stormont .....	.8	27.7	20.4	188.6	2.3	18.4	23.4	22.6	2.0	278.0	17.9	.6	.4	.4	603.5
Glenarry	1.3	51.2	14.5	212.4	.0	29.6	16.1	9.6	1.3	264.8	16.3	.8	.8	.4	619.1
Prescott .....	.0	58.3	27.4	193.0	.0	42.4	17.4	13.2	5.5	305.1	17.3	.4	.3	1.2	681.5
Russell .....	.5	44.0	28.0	251.5	5.7	34.3	17.6	18.9	2.5	252.6	20.7	1.8	2.7	6.7	687.5
Carleton .....	.2	78.0	36.3	224.8	5.0	42.9	14.0	14.1	1.3	239.2	21.2	2.7	1.9	6.3	687.9
Renfrew .....	.9	82.9	5.4	173.3	27.5	81.1	4.8	7.1	.5	260.1	16.3	.4	.5	3.3	666.1
Lanark	6.5	46.3	9.3	139.7	8.9	38.8	9.1	15.8	.9	202.5	12.3	.5	.7	2.2	493.5
Group	5.2	45.1	28.0	175.0	9.1	38.7	17.3	15.7	1.8	267.6	17.1	.9	.9	2.4	624.8
Victoria	10.8	121.6	91.5	175.0	3.4	70.8	4.2	17.3	.5	186.2	13.0	2.8	.9	16.3	714.3
Peterborough	27.5	135.1	25.1	162.0	14.6	70.3	3.4	14.8	.5	205.5	14.1	1.1	1.5	10.3	685.8
Haliburton	2.8	52.4	8.0	164.4	6.6	72.9	3.8	19.7	1.2	362.8	21.0	.2	1.4	10.5	727.7
Hastings	37.9	23.3	55.2	134.7	19.3	61.7	26.6	19.6	.9	237.4	16.1	2.7	.7	3.9	640.0
Group	25.8	83.4	56.1	155.0	12.9	67.1	12.9	17.6	.7	218.4	14.9	2.2	1.0	9.5	677.5
Muskoka .....	.5	15.6	11.6	188.0	2.2	76.5	4.9	11.3	.7	391.3	26.1	1.0	2.1	19.9	751.7
Parry Sound	1.2	18.9	18.9	195.7	6.1	69.9	2.1	4.3	.7	403.9	28.3	.3	2.1	30.5	782.9
Nipissing .....	.0	24.6	11.6	178.5	15.4	62.3	6.3	13.9	6.3	382.0	50.0	.2	.2	20.3	771.6
Algoma	10.2	93.6	15.4	143.2	4.1	136.3	1.8	6.6	.1	341.8	22.2	.3	1.1	15.8	792.5
Group	3.6	41.0	14.9	175.9	4.9	91.9	3.2	8.0	.9	379.2	27.3	.4	1.7	21.8	774.7
The Province	72.0	43.3	46.9	166.0	5.7	63.8	20.4	9.1	3.5	216.1	13.6	1.9	.8	10.7	663.8

PART II.

LIVE STOCK, THE DAIRY AND THE APIARY.

LIVE STOCK.

The following paragraph is taken from the May bulletin: "With the exception of horses, which suffered from various forms of distemper, live stock appear to have come through the winter in fair condition. Several cases of strangles are reported among horses, but the most common complaint, and one which was reported in nearly every district, was an influenza which in a number of instances developed into inflammation, resulting fatally in some cases. A few correspondents in both the east and west state that the mortality among brood mares and foals was unusually large. Cattle began the season rather thin, for although there was an abundance of hay, more especially along the frontier counties, coarse grains and mill feed were scarce and expensive. In a few localities the cows were attacked by something like la grippe, and a single mention is made of a supposed case of tuberculosis, but the general health of horned cattle may be ranked as excellent. Odd cases of grub in the head are reported among sheep, but the general condition of this class of live stock is first class. Many correspondents remark upon the vigorous conditions of the lambs dropped, notwithstanding the trying weather of March and April, when a few early lambs succumbed. Dogs are reported as doing much injury to sheep in various parts of the province. Swine are said to be remarkably free from disease. One case of hog cholera, which was at once stamped out, is the only serious disease mentioned by correspondents. While there was an abundance of fodder, it lacked in variety and feeding quality. Hay was so plentiful in some sections that it was wastefully fed, but corn, oats and other grains used for feeding purposes were at a premium and had to be doled out sparingly."

The August bulletin had the following regarding pastures and live stock: "In spite of the generally poor condition of pastures, the present state of live stock leaves but little to be desired. Live stock generally are in a thrifty and healthy condition—in many cases unusually so. If there is complaint at all it is that cattle are in some instances a little deficient in flesh for this season of the year, but at the same time the flesh is firm and the condition is healthy. A considerable number of cattle have already been sold for the foreign market. The reports respecting pasture lands are very conflicting, but there can be no denying that they have not been nearly so good as would have been desired. Pastures did not get a good start, and were not in a condition to stand well the drouth of the first half of the summer. In many parts of the province local rains have been more or less plentiful since the first week in July, and the outlook for fall pastures has thus been materially improved. This was specially the case throughout the eastern half of the province, and more particularly in the St. Lawrence counties. Grey, Bruce and Simcoe, and the Lake Ontario counties have participated more or less in the improvement, but the reports are by no means unanimous. Throughout the Lake Erie district, and particularly in the counties of Essex, Elgin and Kent, the condition of pastures is the most unfavorable, being very bare and brown, and there will likely

be some difficulty as to the supply of fall feed. There is nowhere much uneasiness as to the prospects for winter feed however. Although the hay crop was so light, straw and coarse grains are abundant, and the root crop is likely to be a very fair one."

The following is the summary contained in the November bulletin: "Owing to the long continued drouth and the uneven distribution of rain this fall, the reports as to pastures are variable. From Essex in the west, along lakes Erie and Ontario, and in the eastern part of the province, the grass has been short and thin, the corn crop having been utilised in many places to supplement the bare pastures. In the counties bordering on Lake Huron the grass has been exceedingly good, and so also in most of Muskoka and Algoma. In the West Midland counties the pastures have been above the average. Cattle, even in the regions of short pasturage, are going in in good condition. The reports as to the good conditions of all kinds of stock are practically unanimous. In the east most of the available sheep, hogs and cattle have been bought for the Montreal market, but there appears to be enough left for local demand. The fattening of cattle and sheep will be confined to the western part of the province. Hogs are the most plentiful, and in some counties in the west this branch of agriculture has greatly increased. Market supplies are reported more than equal to the demand, but complaints as to low prices are very common. In regard to food supplies for the winter the only lack is in the matter of hay, but as there is an abundance of straw, corn stalks and roots, this will not be felt. Nearly all the correspondents agree that if moderate economy is practised there is abundance of fodder for winter requirements."

HORSES. The following table gives the number of horses by classes in 1890 and 1891, by county groups and for the province, and also the total number of horses in each district and for the province in each of the five years 1887-91:

Horses.		Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Working horses	1891	44,716	32,528	27,526	63,360	71,777	62,318	22,176	4,335	328,736
	1890	42,394	31,238	26,329	62,351	69,231	61,305	22,191	3,421	318,460
Breeding mares	1891	17,494	15,578	10,952	25,990	25,803	21,621	8,055	1,695	127,188
	1890	19,498	15,615	11,167	26,479	26,995	22,038	7,863	1,498	131,153
Unbroken horses	1891	34,512	27,251	17,683	43,529	46,136	36,821	14,525	2,078	222,535
	1890	32,343	25,365	16,201	40,811	44,345	35,616	13,747	1,595	210,023
Total	1891	96,722	73,357	56,161	132,879	143,716	120,760	44,756	8,108	678,459
	1890	94,235	72,218	53,697	129,641	140,571	118,959	43,801	6,514	659,636
	1889	84,975	66,750	52,855	124,325	131,551	111,250	42,135	4,954	618,795
	1888	81,481	63,098	50,240	119,001	127,929	109,161	40,763	4,545	596,218
	1887	77,539	59,936	47,771	114,529	125,713	105,900	39,938	4,032	575,361

An increase has taken place in the number of working horses in every district except the East Midland, where a slight falling off is noticed, and an increase in the number of unbroken horses is experienced in every group; but, with the exception of the East Midland counties and the Northern Districts, the number of breeding mares falls behind that of the previous year in every group. The total number of horses of all classes is 678,459, being 18,823 more than in the preceding year. The greatest number of horses is found in the Lake Ontario district, the West Midland and St. Lawrence and Ottawa counties coming next in order.

HOGS. In the next table the total number of swine is given for the five years 1887-91, by county groups and for the province. The animals are also divided into the two classes over and under one year for the two years 1890 and 1891 :

Hogs.		Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Over 1 year..	{ 1891	39,535	18,467	21,692	36,596	35,959	46,734	20,967	4,175	224,125
	{ 1890	46,732	21,037	18,892	37,047	36,330	49,909	19,152	3,095	232,194
Under 1 year.	{ 1891	183,849	83,828	82,908	206,747	183,526	115,354	61,897	14,082	932,191
	{ 1890	195,903	86,469	76,736	202,263	174,655	106,714	56,047	9,578	908,365
Total	{ 1891	223,384	102,295	104,600	243,343	219,485	162,088	82,864	18,257	1,156,316
	{ 1890	242,635	107,506	95,628	239,310	210,985	156,623	75,199	12,673	1,140,559
	{ 1889	197,015	73,096	74,104	171,444	148,233	115,645	48,411	7,521	835,469
	{ 1888	186,184	71,343	72,852	165,407	148,291	118,387	49,413	7,202	819,079
	{ 1887	185,843	69,700	71,015	162,601	154,678	126,061	56,799	6,120	832,817

The decrease in the number of hogs over one year old is more than made up by the increase in the number of hogs under one year, the total number of swine in the province for the year being 1,156,316 or 15,757 more than in the previous year. In the Lake Erie and Lake Huron counties, however, a decrease is observed in the total number of hogs. The West Midland, Lake Erie and Lake Ontario groups are the leading districts for raising pork.

HORNED CATTLE. The following table gives the number of cattle by classes in 1890 and 1891, together with that of all kinds of cattle in each of the five years 1887-91, by county groups and for the province :

Cattle.		Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Working oxen	{ 1891..	918	724	863	562	463	697	903	1,586	6,716
	{ 1890..	1,497	911	1,559	810	781	798	1,921	1,890	10,167
Milch cows...	{ 1891..	83,912	73,129	56,171	152,483	122,929	210,596	61,351	12,663	773,234
	{ 1890..	86,520	74,690	56,281	155,643	121,643	209,490	62,380	11,191	777,838
Store cattle	{ 1891..	42,023	65,943	40,106	90,768	43,812	52,701	18,470	5,495	359,318
over 2 years	{ 1890..	42,125	69,048	36,442	87,420	42,495	47,637	18,106	4,367	347,640
Young and	{ 1891..	92,756	118,545	84,374	184,967	124,267	158,097	58,118	18,423	839,547
other cattle.	{ 1890..	92,484	107,087	76,493	170,386	107,072	141,553	49,498	14,494	759,067
	{ 1891	219,609	258,341	181,514	428,780	291,471	422,091	138,842	38,167	1,978,815
	{ 1890	222,626	251,736	170,775	414,259	271,991	399,478	131,905	31,942	1,894,712
Totals.....	{ 1889	224,401	250,936	172,527	417,907	293,214	374,038	132,928	25,948	1,891,899
	{ 1888	226,331	249,858	175,020	418,438	300,757	395,656	136,891	25,687	1,928,638
	{ 1887	232,334	244,961	170,157	429,356	312,483	395,230	138,977	24,766	1,948,264

The number of oxen in the province has fallen from 10,167 to 6,716, which means a decrease of fully one-third in the year, shared by every district. There are also less milch cows than in 1890, although an increase has occurred in the St. Lawrence and Ottawa group (the banner dairy district) and the Northern Districts. Store cattle have increased in the province generally, but not in the Lake Erie and Lake Huron counties. Each

district has more young cattle than in the previous year. The total number of cattle in the province is greater than in any year of the table, and falls very little short of two million head. The largest number of cattle is found in the West Midland group, where beef animals are most largely raised.

SHEEP. The following table presents by county groups and for the province the number of sheep over and under one year, and also the total number in each of the five years 1887-91 :

Sheep.		Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Over 1 year..	1891..	105,692	126,263	116,066	179,218	147,705	182,663	58,148	19,958	935,713
	1890..	99,594	107,747	98,551	150,078	111,970	165,200	46,074	16,049	795,263
Under 1 year	1891..	88,834	109,905	89,291	149,144	115,348	144,503	45,461	15,552	758,038
	1890..	73,365	80,114	64,587	105,325	77,110	102,011	30,654	11,266	544,432
Totals.	1891	194,526	236,168	205,357	328,362	263,053	327,166	103,609	35,510	1,693,751
	1890	172,959	187,861	163,138	255,403	189,080	267,211	76,728	27,315	1,339,695
	1889	146,038	172,656	167,947	257,840	214,475	275,905	89,084	20,235	1,344,180
	1888	147,428	167,270	163,944	254,755	223,363	283,237	91,045	18,002	1,349,044
	1887	152,850	169,459	167,592	258,590	216,450	315,130	97,805	18,285	1,396,161

Both classes of sheep, but more especially those under one year, have increased in every group, making the total number 1,693,751 against 1,339,695 in 1890—an increase of 354,056 for the year. The West Midland group this year leads in the total number of sheep, the St Lawrence counties falling to second place.

THE WOOL CLIP. The number of fleeces, with the total and average weights, is given in the following table by county groups and for the province for 1890 and 1891, together with the average for the ten years 1882-91 :

Districts.	1891.			1890.			1882-91.		
	Fleeces.	Pounds.	lb. per fleece.	Fleeces.	Pounds.	lb. per fleece.	Fleeces.	Pounds.	lb. per fleece.
Lake Erie.....	107,140	617,849	5.77	99,241	553,372	5.58	106,730	595,926	5.58
Lake Huron.....	130,610	771,148	5.90	108,948	650,357	5.97	122,367	702,077	5.74
Georgian Bay ...	118,674	683,221	5.76	99,818	567,196	5.68	114,793	635,334	5.53
West Midland...	181,513	1,095,574	6.04	151,915	893,332	5.89	190,743	1,090,165	5.72
Lake Ontario....	151,182	940,130	6.22	114,650	681,544	5.94	157,522	929,790	5.90
St. Law. & Ottawa	185,836	958,542	5.16	168,454	874,573	5.19	221,079	1,081,018	4.89
East Midland ...	59,023	314,571	5.33	47,888	261,926	5.47	66,696	346,721	5.20
North'n Districts	20,544	117,106	5.70	16,572	92,400	5.58	12,494	70,196	5.62
The Province	954,522	5,498,141	5.76	807,486	4,574,700	5.67	992,424	5,451,227	5.49

In every district there is an increase in the number of fleeces compared with the previous year, but the total number falls behind the average for the ten years, 1882-91.

The average weight per fleece has increased from 5.67 in 1890 to 5.76 lb. in 1891, while the average for the ten years is only 5.49 lb. The total weight of the clip in the province is about one-fifth greater than in the previous year, and also exceeds the average for 1882-91. The sheep in the Lake Ontario and West Midland groups have the heaviest fleeces, while those of the St. Lawrence and Ottawa and East Midland Districts, as usual, carry the smallest amount of wool.

POULTRY. In reply to a question regarding the profits of poultry-keeping the greater part of our correspondents are candid enough to admit that they have not heretofore given the matter full consideration. A number advise the keeping of hens for cleaning up waste grain, etc., around the barnyard, while on the other hand it is claimed by several correspondents that fowls destroy more than they produce. Some of the comments on the effects of the McKinley Bill upon the egg and fowl trade are more vigorous than complimentary to the author of that bit of legislation. The loss of the Detroit market is particularly regretted in Essex and Lambton. The health of all classes of poultry is generally first-class, although a fatal disease amongst geese was reported from the township of Amabel, a dangerous swelling of the head amongst turkeys was complained of in the township of Westminster, and an unusual mortality amongst hens was observed in the township of Downie. The table following shows the number of poultry in each class by county groups and for the province in 1890 and 1891, together with the total number for each of the five years, 1887-91:

Poultry.		Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Turkeys.	1891	62,721	42,495	40,691	93,528	108,605	120,686	31,314	7,867	507,907
	1890	56,949	37,380	33,998	86,580	97,777	125,206	23,626	5,226	466,742
Geese ...	1891	50,035	57,542	47,920	84,475	91,394	89,479	30,946	6,499	458,290
	1890	49,941	50,826	45,588	83,214	88,222	87,914	27,500	5,517	438,722
Other fowls..	1891	808,986	685,672	515,226	1,229,683	1,191,489	1,097,341	416,887	94,609	6,039,893
	1890	786,317	690,432	504,854	1,254,594	1,164,132	1,081,643	386,511	80,917	5,949,400
	1891	921,742	785,709	603,837	1,407,686	1,391,488	1,307,506	479,147	108,975	7,006,090
	1890	893,207	778,638	584,440	1,424,388	1,350,131	1,294,763	437,637	91,660	6,854,864
Totals	1889	879,552	727,269	557,286	1,342,071	1,130,730	1,170,461	430,424	66,505	6,304,298
	1888	861,584	712,798	548,482	1,303,997	1,112,998	1,139,227	422,163	62,865	6,164,114
	1887	942,641	703,849	549,889	1,292,085	1,260,654	1,182,717	444,762	61,764	6,438,361

The figures for the province show an increase in the number of poultry in each class, the total number of domestic fowls now reaching 7,006,090, or 151,226 more than in 1890. The West Midland group still leads in the total number of poultry, but the Lake Ontario counties have the most geese and the St. Lawrence and Ottawa group the largest number of turkeys.

THE DAIRY.

The August bulletin had the following regarding the dairy business: "In the western part of the province, and particularly in Brant, the milk supply, which has held fairly well all through the summer, is now beginning to fail somewhat owing to the

unsatisfactory pasturage for milch cows. Cheese factories are reported to have had a favorable season in Lambton, and favorable reports for dairying also come from Middlesex, Oxford, Huron and Grey. Factories have had an active season in the eastern counties. The milk supply has been good and the dairy output has been a large one."

Regarding this subject the November bulletin ran as follows: Correspondents report the dairy as in a fairly prosperous condition during the season, although there was rather a scarcity of milk owing to the drouth. There appears to be an increasing interest in the manufacture of butter, and while in some localities both quality and price are said to be a little lower than last year, reports generally speak of an improved quality and a slight advance in price. A few allusions are made to the work of the Travelling Dairy, a Simcoe correspondent stating that "the Travelling Dairy has stirred up much interest." The cheese industry is strongly championed by many correspondents as against butter-making, but more references are made to factories closed during the year than to new ones opened. Correspondents have not yet arrived at a unanimous conclusion regarding the best breed of cow for the dairy. Durhams and their grades are to be most frequently found, as the majority of Canadian farmers have not yet given up the vain hope of a combined beef and milk animal. In the cheese producing counties of the St. Lawrence, however, the Ayrshire is a clear favorite as a milker. There has been a decided "boom" in Holsteins all over the province, and it is likely that this variety and its grades will soon take a large place in our dairies. The Jersey has some hearty admirers as a good cow for butter-makers, while the "native Canadian cow," that remarkable outcome of expediency and accident, and survivor of all sorts of usage, is still considered by a strong minority as equal to any of the above-named families if properly cared for.

CHEESE FACTORIES. The total number of factories reported to the Bureau as in operation in 1891 was 838, being 21 more than in the previous year, and eighty more than the average for the nine years 1883-91. The following table gives the statistics for these factories for each of the years named, based on the returns of factories which have reported during the several years, together with the annual averages for the nine years' period:

Year.	Factories in operation.	Quality of—		Gross value of cheese.	Average No. of patrons.	Average No. of cows.	Milk required to make 1 lb. cheese.	Value of cheese per 100 lb.	Average date of opening.	Average date of closing.
		Milk used.	Cheese made.							
	No.	lb.	lb.	\$			lb.	\$ c.		
1891...	838	865,453,574	81,929,042	7,656,484	45,066	296,194	10.56	9 35	May 4	Nov. 2
1890...	817	836,387,516	79,364,713	7,189,957	44,838	304,584	10.54	9 06	" 4	Oct. 31
1889...	784	760,146,327	72,592,847	6,787,619	43,215	273,231	10.47	9 35	" 4	" 30
1888...	737	686,369,013	65,299,751	6,031,470	42,065	256,780	10.51	9 24	" 5	" 24
1887...	737	691,934,579	65,638,656	6,918,913	42,512	254,510	10.54	10 54	" 4	" 27
1886...	770	654,703,243	63,721,621	5,893,818	37,665	237,106	10.27	9 25	" 7	" 29
1885...	752	733,437,254	71,209,719	5,781,569	44,208	260,244	10.30	8 12	" 4	" 29
1884...	751	685,964,727	66,939,573	6,998,889	38,646	254,852	10.25	10 46	" 3	" 30
1883...	635	539,696,197	53,513,032	5,589,339	32,636	193,840	10.08	10 45	" 3	" 30
1883-91	758	717,121,381	68,912,106	6,538,673	41,206	259,038	10.41	9 49	" 4	" 29

The number of factories includes only those in actual operation in the season 1891, and does not include private dairies. The figures show that 2,564,329 pounds of cheese were made in excess of the product of 1890, and thirteen million pounds more than the average annual output of nine years. The gross value is \$466,527 higher than in 1890. The

number of patrons increased by 228, while the *average* number of cows shows a decrease. This latter item is not very reliable, as a great many base their figures on the old-fashioned "standard cow" of 3,000 pounds per factory season. An effort will be made to get at the milk producing power of the average dairy cow for the coming season. The quality of the milk must be decreasing, as evinced by the increased quantity of milk required to make a pound of cheese. The price of cheese recovered somewhat, and brought only 14 cents less per 100 pounds than the average for nine years. The season was two days longer than in 1890, the average date of opening remaining constant.

It is only after the utmost efforts that we have received returns from 702 factories on which the above estimates are based. Circulars were sent in some cases four times, and to the last was appended the following note :

DEAR SIR,—Your name has been reported to me as an officer of a cheese factory. Circulars have been mailed you, but as yet I have received no report for your factory. I am anxious to make these dairy statistics complete, but cannot do so without your co-operation. I am collecting this information in the hope that it is of some interest and value at least to the dairymen of this province. If I am mistaken I will gladly drop it, but would like to know any objection against giving this information. If you have no present connection with this factory I shall be obliged if you will forward this form to the president or secretary.

The following table shows the statistics of the average factory by county groups for 1890 and 1891. The average for nine years is also given for the province.(:)

Districts.		Factories in operation.	Quality of—		Gross value of cheese.	Average No. of patrons.	Milk required to make 1 lb. cheese.	Value of cheese per 100 lb.	Average date of opening.	Average date of closing.
			Milk used.	Cheese made.						
			lb.	lb.	\$		lb.	\$ c.		
Lake Erie	{ 1891....	70	1,047,463	97,669	9,053	72	10.72	9 27	May 4	Nov. 2
	{ 1890....	75	1,048,787	98,282	8,863	72	10.67	9 02	" 4	" 6
Lake Huron ..	{ 1891....	49	1,080,611	101,245	9,551	82	10.67	9 43	" 17	" 1
	{ 1890....	54	1,106,257	102,880	9,353	84	10.75	9 09	" 15	Oct. 29
Georgian Bay..	{ 1891....	20	686,049	64,701	6,000	57	10.60	9 27	" 20	" 24
	{ 1890....	17	737,871	70,384	6,276	60	10.48	8 91	" 21	" 16
West Midland	{ 1891....	133	1,707,829	159,411	15,075	80	10.71	9 46	April 30	Nov. 13
	{ 1890....	136	1,621,221	151,531	13,909	74	10.70	9 18	May 1	" 8
Lake Ontario..	{ 1891....	75	869,904	81,792	7,615	54	10.64	9 31	" 3	Oct. 30
	{ 1890....	71	819,430	77,779	6,977	51	10.54	8 97	" 4	" 28
St. Lawrence and Ottawa..	{ 1891....	374	858,129	82,223	7,625	40	10.44	9 27	" 3	" 31
	{ 1890....	359	818,580	78,548	7,034	41	10.42	8 96	" 3	" 28
East Midland ..	{ 1891....	117	934,450	89,730	8,385	44	10.41	9 34	" 1	" 31
	{ 1890....	105	978,570	94,972	8,682	46	10.30	9 14	" 1	Nov. 1
The Province	{ 1891....	838	1,032,761	97,767	9,137	54	10.56	9 35	" 4	" 2
	{ 1890....	817	1,023,730	97,142	8,800	55	10.54	9 06	" 4	Oct. 31
	{ 1883-91.	758	946,209	90,926	8,627	54	10.41	9 49	" 4	" 29

There is a decrease of ten factories in the four western groups and an increase of 31 in the eastern section. The average cheese product per factory for the province was 625 pounds more than in 1890, but owing to increased prices the value was \$337 higher than last year. The number of patrons per factory remains the same as the average for nine years. The largest factories are to be found in the West Midland group. This group shows the largest increase in business and has the longest season. The eastern groups have the advantage in the quality of the milk, though in every group except the Lake Huron it has deteriorated.

CREAMERIES. The following table gives by counties the statistics furnished by 30 public creameries, showing the quantity and value of butter made, the average number of patrons, the average price of butter per pound and the average dates of opening and closing :

Counties.	Creameries in operation.		Butter.		Cheese.		Total value of product.	Average No. of patrons.	Average price of butter per lb.	Average date of opening.	Average date of closing.
			Quantity.	Value.	Quan.	Value.					
	No.	No.	lb.	\$	lb.	\$	\$		cts.		
Lambton	1	1	11,160	2,382	.....	.....	2,382	17	21.34	May 18	Oct. 30
Huron	5	4	155,441	31,544	.....	.....	31,544	455	20.29	" 21	" 23
Bruce	7	6	286,625	58,534	.....	.....	58,534	808	20.42	" 17	" 30
Grey	7	6	453,798	91,699	.....	.....	91,699	1,024	20.21	" 17	Nov. 5
Perth	1	1	46,000	9,354	.....	.....	9,354	126	20.33	" 14	" 7
Wellington ...	1	1	32,000	6,560	.....	.....	6,560	110	20.50	" 26	Sept. 29
Waterloo	4	3	140,285	28,470	67,350	4,873	33,343	417	20.29	" 22	Nov. 9
Durham	1	1	10,500	2,041	.....	.....	2,041	56	19.44	" 30	Oct. 20
Prince Edward.	2	1	12,400	2,852	48,239	3,159	6,011	45	23.00	" 1	" 31
Leeds and Grenville....	2	2	83,274	17,962	.....	.....	17,962	62	21.57	April 12	Dec. 8
Dundas	3	2	104,533	22,323	.....	.....	22,323	99	21.36	" 21	Nov. 12
Stormont	1	1	48,138	10,025	83,500	4,175	14,200	46	20.83	" 29	" 30
Glengarry	1	1	18,155	3,813	.....	.....	3,813	27	21.00	May 1	Oct. 31
Other countries	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
The Province..											
1891	39	30	1,402,309	287,559	199,089	12,207	299,766	3,292	20.51	May 13	Nov. 4
1890	39	32	1,147,555	220,844	310,438	20,428	241,272	2,935	19.24	" 15	Oct. 25

The whole number of creameries reported in operation in 1891 was 39. This does not include private dairies, quite a number of which are being operated on the creamery system. The introduction of winter dairying has added an impetus to this branch of the dairy, and the season was lengthened. Creameries were organised in connection with several cheese factories for the winter season, but no results are yet to hand. Of the 30 creameries returned, 27 made butter only. The average output of these 27 was 48,844 pounds each, valued at \$9,997. This average in 1890 was 38,896 pounds, and the average for the past five years was 35,620 pounds. The three combination butter and cheese factories used 2,895,217 pounds of milk, and made 83,615 pounds of butter and 199,089 pounds cheese, the total product being valued at \$29,850. Six creameries gathered the milk and made butter at the rate of 24.61 pounds of milk per pound, as compared with 25.24 pounds in 1890 and 24.83 pounds for five years. The other creameries gather the cream, but only five report it by weight, and in these 4.15 pounds of cream are required to a pound of butter, while the average for four years was 4.30 pounds. The number of patrons per creamery was 110, an increase of 18 over 1890. The prices realised in 1891 show an advance of $1\frac{1}{2}$ cents a pound over the previous year.

The following are the results of the three methods:

	Value of product of 100 lb. of milk.		
	1891.	1890.	1887-91.
Creameries (exclusive of buttermilk) ..	87.0 cents,	79.6 cents,	83.2 cents.
Butter and cheese factories	103.1 "	90.2 "	98.5 "
Cheese factories	88.5 "	86.0 "	90.0 "

REMARKS OF CORRESPONDENTS.

Harwich, Kent : There is very little interest taken in the dairying business in this township, as the farmers here think they can make more money by raising cattle suitable for beefing rather than for dairying, especially as our land is well adapted to grain growing, and on that account the coarse, rough feed answers for feeding young steers better than it would for milking cows. We also think we can make more money by feeding our coarse grain to hogs and selling the product as pork, instead of trying to make butter or cheese.

Aldborough, Elgin : Breeding horses seem to be overdone in this locality, and there is little or no demand for heavy or farm horses. Roadsters, carriage and hunters still keep up to a good figure. A serious mistake has been made by the farmers of this locality in breeding horses of different blood. Instead of breeding towards a fixed type of any one breed, they have crossed warm blooded mares with cold blooded stallions, or *vice versa*, until now a good mare of any breed cannot be found pure, but on the contrary the barnyards are filled with unsaleable mongrel colts which never will be available for export purposes to any country. The class of horses travelling is far inferior to what should be, and so it will be until farmers and breeders realise that merit and prepotency in a sire outweighs a few dollars difference in the service fee.

Bertie, Welland : Cheese-making is apparently an uphill business in this part of the county of Welland. Two different cheese factories have started inside of the last ten years, and both have collapsed. Watering and skimming the milk has been of frequent occurrence.

Hullett, Huron : One of the leading features of our farm products is beef for the British markets, but if Canadians intend to keep the position they now occupy an improvement must be made in the quality of the animals, by first breeding from the best male animals and then taking proper care of the animals when young. They should be kept steadily growing from their birth until ready for the market. No store cattle ought to be shipped from Canada. The farmer who sells his young cattle to be fattened by some other person and sells coarse grains to fatten them is impoverishing his own soil and killing his own prospects of success.

Wawanosh, Huron : Dairy farming is one of the great branches of rural industry. Our butter has improved in quality and price since butter factories have become more plentiful.

Gwillimbury W., Simcoe : The dairy industry may be said to be yet in its infancy. The Travelling Dairy, under the management of Prof. Dean, has given an impetus to butter-making in the localities which he visited. His visits were highly appreciated. I have no doubt that satisfactory results will follow his lectures and practical operations. Regrets have been expressed that the Travelling Dairy was not operated in other portions of the township.

Vespra, Simcoe : Hungarian grass has been sown here this season quite extensively on account of the short hay crop, caused by the severe drouth of early summer. It has been a good crop, especially where sown on rich mellow soil.

Caistor, Lincoln : I am of opinion if farmers at present would raise less horses and more sheep they would do better by far.

Markham, York : There are too many horses in the country and not enough sheep, for sheep will live and thrive upon lands upon which horses or cattle would starve. There is always a sale for sheep, and they keep down certain weeds. Other weeds, such as burs, they compel the owner to keep down.

Hallowell, Prince Edward : The horse trade is not as good as formerly, while the shipping of hogs has largely increased.

Storrington, Frontenac : There is a great change in the condition of farmers in this section in the last five or six years, as nearly all have gone extensively into dairying. They keep as many cows as they can feed well. They have improved their stables and are improving their cows. A good many sheep are also raised, which bring good prices, and as nearly all the produce of the farm is fed on the farm the land is improved, thereby improving the means of the farmer.

Lancaster, Glengarry : A few have raised calves this year on oil cake and shorts, and sent the milk to the factory. I raised twenty in that manner this season, and a neighbor raised forty in a similar way, and he is well pleased with the experiment.

Gower N. Carleton : I think the Travelling Dairy was a great benefit to the farming community, as the newspapers gave a good account of the proceedings.

 THE APIARY.

In the bulletin issued in November, 1890, a fear was expressed that owing to the fall being too wet and cold for the gathering of a full supply of nectar by bees, unskilled apiarists would find themselves entering the winter with empty stores and weak colonies, which meant feeding back and doubling up or annihilation. The reports in the spring of 1891 confirmed the correctness of the opinion then expressed, as heavy losses were reported among bees, ranging all the way from 5 to 75 per cent., the cause of which was chiefly attributed to lack of stores. One apiarist of long experience reported 50 per cent. gone, and another well-known bee-keeper put his own loss at 25 per cent., while a few others

rejoiced in almost complete immunity from loss. Not more than three or four correspondents reported foul brood, and two or three spoke of dwindling, but nearly all the rest emphatically stated that bees were free from disease.

The August bulletin thus referred to the apiary: "The past season has not been a particularly favorable one for bees. A scarcity of nectar in the early summer and a consequent lack of food for brood rearing retarded swarming very materially. As a general rule swarming was not nearly so frequent as usual. There has not been an abundant supply of nectar from any source, and the yield of honey is not likely to average more than between thirty and forty pounds per hive, although the season is not yet over. Foul brood is said to be on the increase in Perth, but very little disease is reported on the whole, and bees are now in good condition."

According to the November bulletin correspondents had not much to say regarding bees and honey. "Apiaries in the central and eastern sections of the province appear to have done better than those in the west. In Essex some bee-keepers were already beginning to feed back owing to shortness of stores, but in Halton one apiarist was said to have got 125 pounds of extracted honey per hive. Taking the province as a whole, however, it is doubtful whether the average yield will go over 35 pounds. Much of the honey is described as rather dark in color. Foul brood was complained of in only a few localities in the west. It is gratifying to know that this dread plague of the apiary is being overcome."

FACTORIES AND CREAMERIES IN ONTARIO.

CHEESE FACTORIES IN OPERATION IN ONTARIO DURING 1891, WITH NAME AND POST OFFICE ADDRESS OF THE SECRETARY OF EACH FACTORY.

NOTE.—No return received from factory marked with asterisk (*).

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
ESSEX :			
Mersea.....	Blytheswood	W. W. Ames, Sec.....	Blytheswood.
KENT :			
Camden.....	*Dawn Mills	J. T. Race, Prop	Dawn Mills.
Chatham	Chatham Gore.....	David McArthur, Pres.....	Tupperville.
	Sydenham Valley.....	J. N. McCoy, Sec.....	Wallaceburg.
Harwich	*Creek Road.....	John Buller.....	Harwich.
Orford	Orford Cheese Mfg Co....	S. McDonald, Sec.....	Muirkirk.
	*Grant's.....	Samuel Grant, Prop	Turin.
Raleigh	*Scaman's.....	Wm. S. Scaman.....	Charing Cross.
	*Smith Bros.....	Wm. Smith, Sec.....	do
Tilbury East	Valetta	John Richardson	Valetta.
ELGIN :			
Aldborough	*Crinan	W. H. McLean.....	Crinan.
	*Rodney	Wm. Johnston, Mfr.....	Rodney.
	*Rosedale	H. Terry, Prop.....	Aldborough.
	West Lorne	John F. Taylor, Sec.....	West Lorne.
Bayham.....	Bayham	E. T. Martin, Sec.....	Griffin's Corners.
	Bayham Br. (Brownsville)....	Benj. Hopkins, Salesman.....	Brownsville.
	*Bayham and Malahide.....	John L. Brown, Sec.....	Corinth.
	New England	O. E. Twiss, Sec.....	Tilsonburg.
	Nova Scotia St.....	J. E. Chute, Pres.....	Lakeview.
	Guysborough.....	J. P. Soper, Prop.....	Guysborough.
	Vienna	J. T. Gamble, Sec.....	Vienna.
Dorchester S	Avon	Duncan Campbell, Sec.....	Avon.
	Lyons	Thos. Wilkinson, Sec.....	Lyons.
	Springfield	John Clunas, Sec.....	Springfield.
Dunwich	Dutton.....	W. A. Ostrander, Prop	Dutton. Box 217.
	Wallacetown	A. Keilor, Prop.....	Wallacetown.
Malahide.....	Dunboyne.....	Noble F. Tufford, Sec.....	Dunboyne.
	Malahide	R. Abel, Sec.....	Seville.
	Northwood.....	George Beckett, Sec.....	Aylmer.
Southwold	Iona Station.....	C. A. Ostrander, Prop.....	Iona Station.
	Payne's Mills.....	Wm. Sharon, Sec.....	Frome.
	West Magdala	R. E. Cranston, Prop	West Magdala.
Yarmouth.....	Elgin	J. W. Scott, Prop.....	Sparta.
	*Mapleton	A. Charlton.....	Mapleton.
	Yarmouth Centre.....	James Brown, Sec.....	Yarmouth Centre.
NORFOLK :			
Charlotteville	St. Williams	G. W. Newman, Sec.....	St. Williams.
	Vittoria.....	John Pow, Sec.....	Vittoria.
	Walsh	Walter Rollings, Sec.....	Walsh.
Houghton	Clear Creek	E. G. Matthews, Prop.....	Clear Creek
	Houghton Centre.....	S. T. Jackson, Prop.....	Houghton.
Middleton	Courtland	O. E. Twiss, Sec.....	Tilsonburg.
	Delhi	G. R. Gray, Sec.....	Delhi. Box 115.
Townsend.....	Bloomsburg	J. H. Lingwood, Sec.....	Bloomsburg.
	Boston	H. J. Barber, Pres.....	Boston.
	*Rockford, *Villa Nova.....	H. W. Foster, Sec.....	Villa Nova.
	Waterford.....	John Martin, Prop.....	Waterford.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
NORFOLK—Con.			
Walsingham	Carholme	Wm. Knowles, Pres.	Carholme.
	Lynedoch	G. R. Gray, Prop.	Lynedoch.
	Marston	C. H. Brayley, Sec.	Marston.
Windham	Bookton	Norman McCurdy, Sec.	Bookton.
	Nixon	W. S. Wood, Treas.	Nixon.
	Ranelagh	James Walker, Treas.	Ranelagh.
	*Vanessa	W. J. Reavely	Vanessa.
Woodhouse.....	Black Creek.....	W. C. Parsons, Prop.	Jarvis.
	Excelsior	W. H. Olds, Sec.	Simcoe.
	Lynn Valley	E. G. Ford, Prop.	Lynn Valley.
HALDIMAND :			
Canborough	Attercliffe Sta.	Harold Eagle, Sec.	Attercliffe Sta.
	Canborough	James N. Paget, Prop.	Canborough.
Cayuga N.	*Kohler	W. H. Kindree, Sec.	Decewsville.
Dunn	Lake View	F. Splatt, Prop.	Dunnville.
Rainham	Selkirk	Joel Hoover, Sec.	Selkirk.
Seneca	Tyneside	J. M. Clysdale, Prop.	Tyneside.
Walpole	*Cheapside	R. A. Walter, Sec.	Cheapside.
	Jarvis West	W. C. Parsons, Prop.	Jarvis.
	Springvale	W. Hainer, Prop.	Springvale.
	*Walpole	John W. Bain, Prop.	Cheapside.
WELLAND :			
Wainfleet	Forks Road	John G. Wills, Sec.	Winger.
	Johnson's	James Johnson, Sec.	Wellandport.
Willoughby	*Beam's	Joshua F. Beam, Prop.	Black Creek.
LAMETON :			
Bosanquet	Ridge Tree	Alex. Jamieson, Sec.	Thedford.
Brooke	*Aberfeldy	John J. Risk, Prop.	Aberfeldy.
	*Brooke and Warwick.	Alex. Cowan, Sec.	Watford.
	Walnut	W. G. Willoughby, Prop.	Walnut.
Plympton	Forest	Wm. Lougheed, Sec.	Forest.
	Gala Bank	Wm. Symington, Prop.	Camlachie.
	South Plympton	A. D. Anderson, Sec.	Wyoming.
	Uttoxeter	Edward Archer, Sec.	Warwick West.
Sarnia	Vyner	Miles Carrick, Sec.	Mandaumin.
Sombra	Sombra Cheese Co.	W. S. Howell, Sec.	Thornyhurst.
Warwick	Maple Grove	B. Batchelor, Sec.	Birnam.
	Thompson	Wm. Thompson, Sec.	Arkona.
	Warwick	J. S. Clarke, Prop.	Warwick West.
HURON :			
Grey	Ethel	Robert Barr, jr., Prop.	Ethel.
	Grey and Morris	Daniel Stewart, Sec.	Brussels.
	Molesworth	Henry Coghlin, Sec.	Molesworth.
	Walton	R. H. Ferguson, Sec.	Walton.
Howick	Fordwich	James Fallis, Sec.	Newbridge.
	Peoples	Wm. McKercher, Sec.	Wroxeter.
	Springbank	George Padfield, Sec.	Gorrie.
Hullett	Constance	R. Jamieson, Sec.	Seaforth.
McKillop	Winthrop	John C. Morrison, Sec.	Winthrop.
Stanley	*Blake	Asa J. Styles, Sec.	Blake.
Stephen	Centralia	C. Smith, Mfr.	Centralia.
Tuckersmith	Rodgerville	James Murray, Sec.	Rodgerville.
Turnbury	Bluevale	John Burgess, Sec.	Bluevale.
Wawanosh E.	Belgrave	George Hood, Sec.	Sunshine.
BRUCE :			
Amabel	Wiarton	Geo. H. Johnson, Sec.	Wiarton.
Arran	Tara	John Douglas, Sec.	Tara.
Brant	Brant	Daniel Sullivan, Sec.	Malcolm.

CHEESE FACTORIES IN ONTARIO.—*Continued.*

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
BRUCE—Con.			
Brant	Dunkeld	Thos. A. Chisholm, Sec.	Dunkeld.
Bruce	Climax	Andrew Kirkconnell, Pres. . .	Tiverton.
	Underwood	Amos Hilker, Sec.	Underwood.
Carrick	Belmore	John Hartley, Sec.	Belmore.
	Otter Creek	Louis Braun, Sec.	Walkerton.
Elderslie	Elderslie	Isaac McClure, Sec.	Williscroft.
	Pinkerton	Frank Millson, Sec.	Pinkerton.
Greenock	Riversdale	Wm. Waddell, Sec.	Kinloss.
Huron	Huron	Adam Ruttle, Pres.	Ripley.
	Paramount	Henry Hudson, Sec.	Lucknow.
	Pine River	John Thompson, jr., Dir. . .	Pine River.
	Ripley	H. W. Farnell, Sec.	Ripley.
Kincardine	Arnow	F. Matheson, Sec.	Arnow.
	Bervie	James Glass, Sec.	Kinloss.
	Glammis	W. M. Atton, Sec.	Tiverton.
	Millarton	Wm. Rutledge Pres.	Millarton.
Kinloss	Lucknow	J. A. Denning, Sec.	Lucknow.
Saugeen	Burgoyne	T. B. Millar, Salesman . . .	Burgoyne.
	Star	John Muir, Sec.	Port Elgin.
GREY :			
Artemesia	Flesherton	James Brodie, Sec.	Vandeleur.
	Markdale	Henry D. Irwin, Sec.	Markdale.
Egremont	Boothville	George Watson, Sec.	Swinton Park.
Holland	Chatsworth	W. A. Ferguson, Sec.	Chatsworth.
Normanby	Alseldt, Ch. & B. Co.	C. H. Peterson, Sec.	Clifford.
	Mount Forest	Joseph Tuck, Sec.	Mount Forest.
	Varney	Chas. Ramage, Sec.	Varney.
Osprey	Badjeros	George Bailey, Treas.	Shrigley.
Proton	Dundalk	Robert Russell, Sec.	Dundalk.
	Ventry	James Cavanagh, Sec.	Ventry.
	Victoria	Wm. Haines, Prop.	Inistioge.
SIMCOE :			
Flos	Elmvale	Wm. Harvey, Sec.	Elmvale.
Nottawasaga	Avening	W. G. Carruthers, Sec.	Avening.
	Glen Huron	James Connor, Sec.	Glen Huron.
	Lavender	Samuel Flach, Prop.	Lavender.
	Stayner	W. B. Sanders, Sec.	Stayner.
Orillia	Northbrooke	Arch. Fyfe, Sec.	Orillia.
Tecumseth	Cookstown	W. F. Moore, Sec.	Cookstown.
Tiny	*Lafontaine	Lecamp & Tremeeer, Dirs. . .	Randolph.
	Wyebidge	John Adams, Sec.	Wyebidge.
MIDDLESEX :			
Adelaide	Kerwood	H. P. Richardson, Prop.	Kerwood.
	Mud Creek	R. J. Coulton, Sec.	Springbank.
	Keyser	Hugh E. Wilson, Sec.	Keyser.
	*Victoria	Wm. Dowding	Adelaide.
Biddulph	Cedar Vale	Michael Blake, Sec.	Elginfield.
	North Middlesex	George W. Fox, Sec.	Lucan.
Caradoc	Caradoc	Wm. E. Sawyer, Sec.	Mount Brydges.
	Mount Carmel	D. Leitch, Sec.	Strathroy.
	Muncey Road	John Stuart, Sec.	Burwell Road.
Delaware	Delaware	H. J. Smith, Sec.	Lambeth.
Dorchester N.	Burnside	S. Barr, Sec.	Mossley.
	*Dorchester Station	L. D. Monk	Dorchester Sta.
	Gladstone	W. H. Swales, Sec.	Gladstone.
	Gore	George A. Myers	Crampton.
	Harrietsville	F. Kunz, Sec.	Harrietsville.
	Thames	E. A. James, Mfr.	Nilestown.
Ekfrid	Appin	Hector McFarlane, Sec.	Glencoe.
	*Mayfair	John Cooper, Sec.	Melbourne.
London	*Birr	C. W. Walden, Sec.	Birr.
	*Bryanston, *Devizes	Robert Elliott, Sec.	Plover Mills.
	Geary	John Geary, Prop.	London, Box 132.
	Melrose	John Ferguson	Ferguson.
	North Branch	Fred Bailey, Sec.	Rebecca.
	Proof Line	James Tier, Sec.	Arva.
	Union Hill	R. H. Harding, Sec.	Thorndale.
Metcalfe	Napier	Wm. Ormerod, Mfr.	Napier.
	Sifton's	Thos. H. Payne, Sec.	Cairngorm.
Mosa	Glencoe	Hector McFarlane, Sec.	Glencoe.
Nissouri W.	Blanshard and Nissouri. . .	Fergus McMaster, Sec.	St. Marys.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
MIDDLESEX — Con.			
Nissouri W	Cherry Hill	Hope Webster, Sec	Thamesford.
	Nissouri West	W. Lee, Sec	Thorndale.
Westminster	Belmont	George McKellar, Sec	Belmont.
	*Glanworth	R. G. Rose, Sec	Hubrey.
	North Street	H. B. Stephens, Prop	Lambeth.
	Pond Mills	Andrew Elliot, Sec	Pond Mills.
	Westminster	A. E. Carrothers, Sec	Hubrey.
	White Oak	John H. Burnard, Sec	Littlewood.
Williams W	Rob Roy	Wm. Dickson, Sec	Parkhill.
OXFORD :			
Blandford	Bright	John Riesberry, Pres	Bright.
	Eastwood	W. E. Hopkins, Sec	Eastwood.
Elenheim	Soho Ch. & B. Co.	J. E. Pounds, Sec	Richwood.
Dereham	Brownsville, Culloden, } Tilsonburg.	Benjamin Hopkins, Salesman.	Brownsville.
	Dereham and Norwich ..	Wm. Jones, Sec	Mount Elgin.
	Dereham and W. Oxford ..	A. R. McNiven, Sec	Ingersoll.
	Lawson's	J. P. Harris, Salesman	Holbrook.
	Mount Elgin	Wm Pow, Sec	Mount Elgin.
	*Prouse's	Thos. Prouse, Prop	do
	Salford	T. L. Newton, Sec	Salford.
	Verschoyle	James Hunter, Sec	Verschoyle.
	*Wilkinson's	J. H. Wilkinson	do
Nissouri E	Kintore	J. W. Sutherland, Sec	Medina.
	Kintore (East branch)....	Thos. W. Alderson, Sec	Kintore.
	Lakeside	Robert Marshall, Pres	Lakeside.
	Murray Bros	Wm. McLaren, Sec	St. Marys.
	*Nissouri	G. A. Sutherland, Sec	Ingersoll.
	Thamesford	David Lawrence, Sec	Thamesford.
Norwich N	Dunkin's	T. L. Dunkin, Sec	Norwich.
	*Ontario, Burgessville ..	I. L. Farrington, Prop	do
	Smith's	Job Smith, Pres	do
Norwich S	Springford	F. C. Anstice, Sec	Springford.
	Summerville	G. H. Treffey, Sec	Hawtrey.
Oxford E	Diamond	J. McConnell, Sec	Vandecar.
	*Oxford	I. L. Farrington, Prop	Norwich.
	Oxford East and West ..	M. S. Schell, Sec	Woodstock.
Oxford N	Maple Leaf	Thos. Caddey, Prop	Ingersoll.
	Oxford, North	W. H. Sutherland, Sec	do (Box 111).
Oxford W	*Harris Street	C. E. Cook	do
	Oxford, West	W. G. Francis, Sec	do
	Anderson's	Douglas Bruce, Sec	South Zorra.
Zorra E	Blandford and Zorra E ..	A. Miller, Sec	Walmer.
	German Union	P. J. Altemann, Sec	New Hamburg.
	Honey Grove	Robert Morton, Prop	Cassel.
	Spring Creek	A. McKay, Sec	Woodstock.
	Strathallan	Alex. King, Sec	Hickson.
Zorra W	Brooksedale	John Forbes, Sec	Maplewood.
	Cold Springs	Hugh Matheson, Sec	Youngsville.
	Red Star	W. H. Sutherland, Sec	Ingersoll.
	Zorra, West	Wm. Loveys, Pres	Embro.
BRANT :			
Brantford	N. Brant Dairy Ass	Thos. A. Good, Sec	Brantford.
Burford	Cathcart	Chas. Kelly, Sec	Cathcart.
	*Harley	I. L. Farrington, Prop	Norwich.
	*Kelvin	Joseph McCombs, Sec	Kelvin.
	New Durham	James Paterson, Sec	New Durham.
Dumfries S	*St. George	John Richardson, Prop	St. George.
Oakland	Oakland	George Taylor, Sec	Oakland.
PERTH :			
Blanshard	Blanshard	George B. Webster, Sec	St. Marys.
Downie	Avonbank	Wm. Tier, Sec	Motherwell.
	Black Creek	Thos. Ballantyne, M.P.P ..	Stratford.
	Downie	H. A. Southwick, Prop	Avonton.
	Gore of Downie	John Dempsey, Prop	Fairview.
	Kastnerville	Geo. Barthel, Pres	Stratford.
Fasthope N	Avondale	R. M. Ballantyne, Prop	do

CHEESE FACTORIES IN ONTARIO.—*Continued.*

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
PERTH—Con.			
Easthope S	Tavistock	A. T. Bell, Sec.	Tavistock.
Ellice	Classic	D. A. Dempsey, Sec.	Stratford.
Elma	Ellice	Chas. Stock, Sec	Stratford.
	*Britton	Wm. Stevenson	Britton.
	Donegal	Samuel McAllister, Prop	Donegal.
	Elma	Wm. Lochhead, Sec	Atwood.
	Elmbank	Robert Cleland, Prop.	Listowel.
	Gotham	Joseph Freeman, Sec.	Britton.
	Monkton	Andrew Erskine, Sec	Monkton.
	Newry	John Morrison, Sec	Newry.
	Silver Corners	Geo. Richmond, Sec	do.
	Trowbridge	John Adams, Sec	Trowbridge.
Fullarton	Cold Creek	Thomas Stacey, Sec	Fullarton.
Logan	Willow Grove	Wm. Pomeroy, Prop	Mitchell.
Mornington	Milverton	G. E. Goodhand, Prop	Milverton.
	Newton, Carthage	Hugh Jack, Sec	Newton.
Wallace	Cedar Grove	George V. Pool, Sec	Wallace.
	Wallace	Jeptha Vankleek, Sec	Listowel.
WELLINGTON :			
Arthur	Conn.	James McLuhan, Sec.	Conn.
	Kenilworth	George Cushing, Sec	Kenilworth.
Luthur W.	Arthur and Luther	John McNab, Sec	Arthur.
Maryborough	Maryborough	Wm. Wilson, Sec	Rothsay.
	*Riverbank	A. R. McLachlan, Sec	do.
	Wyandotte	Thos. J. Paterson, Sec	Moorefield.
Minto	Harriston	W. D. McLellan, Sec	Harriston.
	Minto and Arthur	James Wiseman, Sec	Cotswold.
	*Palmerston	John Cooper, Sec	Palmerston.
Peel	Goldstone	W. T. Whale, Sec	Goldstone.
	Peel	John Hought, Sec	Glenallan.
WATERLOO :			
Dumfries N	Galt	W. P. Clay, Prop	Galt.
Wellesley	Bamberg	Jacob Kaufman, Sec	Bamberg.
	Honey Grove	J. W. Chambers, Prop	Poole.
Wilmut	Oak Grove	George Cousins, Mfr	New Hamburg.
	Philipsburg	John D. Schantz, Prop	Baden.
DUFFERIN :			
Amaranth	Laurel	Jonathan Varcoc, Sec.	Laurel.
Melancthon	Shelburne	Jacob Walker, Treas	Shelburne.
LINCOLN :			
Caistor	Caistorville	J. T. Taylor, Sec	Caistorville.
Clinton	*Beamsville	Arthur Hunter	Beamsville.
Gainsborough	Bismarck	John L. Heaslip, Sec	Wellandport
WENTWORTH :			
Ancaster	Renforth	D. Hamilton, Sec	Renforth.
Beverley	Beverley	George Paterson, Prop	West Flamboro.
	Sheffield	P. H. Green, Salesman	Sheffield.
PEEL :			
Chinguacousy	Norval	Robert Groat, Prop	Georgetown.
YORK :			
King	Eversley	Henry Rogers, Sec	Eversley.
Markham	Cedar Grove	Mrs. J. N. Raymer, Mfr	Box Grove.
	*Ringwood	A. B. Grove	Ringwood.
ONTARIO :			
Whitby E.	Geneva	James Burns, Mfr	Columbus.
DURHAM :			
Cavan	Ida	Wm. H. Lough, Sec	Ida.
	Fraserville	Joseph Madill, Sec	Fraserville.
	Mt. Pleasant	G. A. Jamieson, Sec	Mt. Pleasant.
	Millbrook	James Brock, Sec	Millbrook.
Clarke	Newtonville	W. J. Jones, Sec	Clarke.
	Orono	James Hunter, Sec	Orono.
Darlington	Darlington	L. M. Courtice, Salesman	Courtice.
	Hampton	F. L. Ellis, Sec	Hampton.
Hope	Hope	Wm. Henwood, Sec	Welcome.
	Perrytown	Fred. Currelley, Sec	Canton.
Manvers	Fleetwood	James Dean, Sec	Lifford.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
NORTHUMBERLAND :			
Alnwick	Roseneath	Dennis Keogan, Sec	Hastings.
Brighton	Brighton and Murray	Isaac W. Hennessey, Sec	Wooler.
	*Cedar Hill	Hugh Strong, Prop.	Hilton.
	Codrington	A. D. Richards, Pres.	Codrington.
	Hilton	A. E. Thorne, Sec	Hilton.
	Standard	John Armstrong, Pres	Warkworth.
Cramahe	Castleton	R. R. Philp, Pres.	Port Hope.
	Cramahe	R. A. Brintnall, Treas	Dundonald.
	*Morganston	Homer Platt, Sec	Morganston.
	Salem	S. E. Dixon, Sec	Colborne.
Haldimand	Glenco	Thos. Hoskin, Sec	Grafton.
	Spring Valley	A. G. McDonald, Prop	Burnley.
	Wicklow	R. J. Rutherford, Sec	Wicklow.
Hamilton	Baltimore, Crown	Samuel Philp, Prop.	Baltimore.
	North Star	John Kent, Pres	Plainville.
Monaghan S.	Bensfort	John Riddell, Sec	Bensfort.
Murray	Fountain	Sheldon Moran, Pres	Frankford.
	*Maple Leaf, B	C. W. Wright, Sec	do.
	Queen's	W. A. Hendrick, Pres	do.
	Smithfield	W. H. Potts, Sec	Smithfield.
Percy	Brickley	A. B. German, Sec	Brickley.
	Model	Douglas Kingsberry, Sec	Hastings.
	Warkworth	T. B. Carlaw, Pres	Warkworth.
Seymour	Brae	Gilbert Bedford, Sec	Campbellford.
	Crow Bay	James C. Cleugh, Pres	Sarginson.
	Empire	Robert White, Pres.	Campbellford.
	Forest	Alex. Haig, Sec	Menie.
	I. X. L.	Thos. Rutherford, Sec	Campbellford.
	Meyersburg	Wm. Clark, Pres	Meyersburg.
	Prince of Wales, Valley	John Clark, Sec	Campbellford.
	Rylestone	Arch. Morton, Pres.	Springbrook.
	Seymour West	E. C. West, Sec	Campbellford.
	Stanwood	James B. Peoples, Sec	Preneveau.
	Woodland	F. Macoun, Pres	Campbellford.
PRINCE EDWARD :			
Ameliasburg	Brandy Creek	R. N. Hunt, Pres.	Murray.
	Mountain View	A. J. Potter, Sec	Mountain View.
	Quinte	E. Babbitt, Pres	Rednerville.
Athol	Cherry Valley	Luther Platt, Sec	Cherry Valley.
Hallowell	Bloomfield	David S. Hubbs, Sec	Bloomfield.
Hillier	Cloverdale	L. G. Dorland, Sec	Wellington.
Marysburg N	Lake View	G. N. Rose, Sec	Waupoos.
Marysburg S	Union	Robert Davison, Sec	Picton.
	Black Creek	Wm. Call, Sec	Milford.
	Point Traverse	Alva Rose, Sec	South Bay.
	Royal Street	W. T. B. Striker, Prop	Milford.
Sophiasburg	*Ben Gill, *Elm Brook	Richard Benson	Picton.
	*Big Island	Ryerson Rankin, Sec	Demorestville.
	Grape Vale	J. P. Roblin, Prop	Fish Lake.
	Maple Leaf	Alfred Foster, Sec	do.
	Northport	Ira David, Pres	Solmesville.
LENNOX AND ADDINGTON:			
Adolphustown	Platt's	Thos. F. Gibbs, Jr., Sec.	Adolphustown.
Camden	Camden East	George E. Hinch, Sec.	Camden East.
	Centreville, Croydon	Wm. Whelan, Prop.	Centreville.
	Enterprise, Whitman Creek	Thomas Clancy, Prop.	Enterprise.
	Moscow	Vanluven Bros., Props	Moscow.
	Newburgh	George A. Aylesworth, Sec	Newburgh.
Ernestown	Bath, Union	W. R. Gordanier, Sec.	Morven.
	Empey	M. N. Empey, Sec	Napanee.
	Metzler	L. L. Gallagher, Sec	Wilton.
	Odessa	James C. Fraser, Sec	Odessa.
	Excelsior	E. H. Sills, Salesman	Napanee.
Fredericksburg N ...	Napanee	W. N. Dollar, Sec	do.
	*Phoenix	Charles B. Parks, Sec.	Hay Bay.
Fredericksburg S ...	Conway	Wm. Phippen, Prop	Sandhurst.
	Sillsville	James Rennie, Salesman	Sillsville.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
LENNOX AND AD.—Con.			
Kaladar	Flinton.....	Thomas Welsh, Mfr	Flinton.
Richmond	Forest Mills.....	J. J. Doyle, Sec.....	Kingsford.
Sheffield.....	Selby.....	Ira B. Hudgins, Sec.....	Selby.
	Clarview	John Garret, Sec.....	Erinsville.
	Sheffield.....	D. E. Rose, Sec.....	Tamworth.
	Tamworth.....	J. J. Barry, Sec.....	do
FRONTENAC:			
Bedford.....	Fermoy, Salem.....	John McGuire, Sec.....	Westport.
Hinchinbrooke.....	Tichborne	Joseph Kenny, Prop.....	Tichborne.
	Iron Junction.....	Joseph Kennedy, Sec.....	Godfrey.
	*Parham	W. Black, Sec.....	Parham.
Howe Island.....	Thousand Island.....	F. J. Henderson, Pres.....	Pittserry.
Kingston.....	*Arigan	Patrick Black, Sec.....	Mt. Chesney.
	*Glenburnie.....	Joseph Fowler, Treas.....	do
	Glenvaie	J. Watts, Sec.....	Glenvaie.
	Lake Shore.....	H. E. Wartman, Pres.....	Portsmouth.
	Union	Joshua Knight, Sec.....	Elginham.
Loughborough.....	Forest.....	John Moreland, Sec.....	Sydenham.
	*Railton.....	Keely & McAuley	Railton.
	Perth Road.....	Walter Guthrie, Sec.....	Perth Road.
Pittsburg	Central	Thos. Anglin, Sec.....	Atkinson.
	Granite Hill.....	F. J. Henderson, Sec.....	Pittserry.
	Keenan & Sons.....	T. A. Keenan, Sec.....	Mt. Chesney.
	Leo Lake.....	John P. Bower, Pres.....	Seely's Bay, Box
	*Maple Leaf.....	Thomas Bell.....	Joyceville. [131.
	Morning Star.....	Daniel McLean, Prop.....	Eric.
	Pine Grove.....	Peter McCallum, Sec.....	Brewer's Mills.
	Pine Hill.....	David Trotter, Sec.....	Cushendall.
	Rose Hill.....	James Lane, Prop.....	Dufferin.
	Woodburn.....	David Rae, Salesman	WilletsHolme.
Portland	Bellrock, Hartington.....	Vanluven Bros., Props.....	Moscow.
	*Verona	Howard Reynolds, Prop.....	Verona.
Storrington.....	*Battersea.....	W. J. Anglin.....	Battersea.
	Bear Creek.....	N. Jackson, Sec.....	Sunbury.
	Cold Springs.....	C. W. Langwith, Sec.....	Sunbury.
	Duff's.....	Alexander Ritchie, Sec.....	Inverary.
	Excelsior	Mrs. G. E. Clark, Sec.....	Battersea.
	*Lake Opinicon.....	Adam Barr.....	Inverary.
	Sand Hill.....	W. W. Sands, Sec.....	Sunbury.
	*Storrington.....	L. W. Murphy	Brewer's Mills.
	*Sunbury.....	Gordon Waldron, Sec.....	Sunbury.
	*Washburn.....	Henry McBroom.....	Washburn.
Wolfe Island.....	St. Lawrence.....	Rattray & Kenny, Props ..	Wolfe Island.
LEEDS AND GRENVILLE:			
Augusta.....	Charleville, Grenville, } Domville, Glenmore	J. W. Place, Sec.....	Prescott.
	Maple Grove	F. K. Wright, Sec.....	Algonquin.
	*North Augusta	George Neeley	North Augusta.
	Roebuck.....	James Keating, Sec.....	Lansdowne.
	Riverview	John McLean	Maitland.
	South Branch, South Valley	Frank Meech, Sec.....	North Augusta.
	Willow	Andrew McNish, Sec.....	Brockville.
Bastard and Burgess S.	*Clear Spring.....	Alex. Murphy, Sec.....	Portland.
	Delta Lake.....	John W. Russell, Sec.....	Delta.
	Grand Central.....	E. Bowser, Treas.....	do
	*Myers'	Thomas Myers, Prop.....	Forfar.
	People's Mutual.....	Thos. G. Morris.....	do
	Philipsville.....	L. N. Phelps, Sec.....	Philipsville.
	Plum Hollow.....	Andrew Derbyshire, Sec.....	Chantry.
	*Poole's	Wm. N. Poole, Mfr.....	Freeland.
	Reliable	Rogers & Co., Prop.....	Newboyne.
	Smith's Valley.....	R. A. Sheldon, Sec.....	Harlem.
Crosby N.....	Ardmore, Westport.....	John McGuire, Sec.....	Westport.
	Centreville, *Model.....	T. C. Singleton, Prop.....	Newboro'.
Crosby S.....	Clear Lake Union.....	George Leggett, Treas.....	Singleton.
	*Dominion	E. V. Halladay, Prop.....	Elgin.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
LEEDS AND GREN.—Con.			
Crosby S.	Maple Grove	S. M. Halladay, Mfr.	Elgin.
	Morton	R. H. Somerville, Pres.	Morton.
	Rockdale, Elgin Model.	J. R. Dargavel, Sec.	Elgin.
	Singleton	T. C. Singleton, Prop.	Newboro'.
Edwardsburg.	Glensmail, (Eager's).	R. J. Bennett, Sec.	Glensmail.
	Johnstown, (Eager's).	L. Rooney, Sec.	Prescott.
	Liebert's Nos. 1 and 2	J. T. Liebert, Sec.	Pittston.
	Lime Kiln	Wm. Gore, Sec.	Prescott.
	Mainsville	William Eagar, Prop.	Morrisburg.
	Millar's, Nos. 1, 2 and 3.	Millar & Ferguson, Props.	Spencerville.
	Shanley, (Eager's)	George Anderson, Sec.	Shanley.
	Perry Creek	A. D. VanCamp, Salesman.	Prescott.
Elizabethtown.	*Anvern.	A. C. Johns, Prop.	Fairfield, East.
	Barlow	C. L. McCreedy, Sec.	Addison.
	*Excelsior	R. McNish	Brookville.
	Glen Buell	C. J. Gilroy, Sec.	Glen Buell.
	Kilborn Springs	W. Billings, Sec.	Lyn.
	*Leeds Union.	L. Shipman, Sec.	do
	Maple Grange	Joshua Gilroy, Sec.	do
	North Star	C. M. Taylor	do
	Orchard Valley	J. C. Winckworth, Sec.	Jellyby.
	Palace	Cyrenus Stowell, Pres.	Addison.
	*Rockspring	W. C. Tackabery	Rockspring.
	Royal Dominion	T. W. Horton	New Dublin.
	*Smith's	Thomas Smith	Greenbush.
Elmsley S.	*Lombardy	Michael O'Mara	Lombardy.
Gower S.	Heckston	Wm. Eager, Prop.	Morrisburg.
Kitley.	*Farmer's Choice	Fred. W. Scovill.	Athens.
	Farmer's Friend	Charles R. Rudd, Sec.	Frankville.
	Glen Elm	Hugh A. Hunter, Sec.	Smith's Falls.
	Newbliss	John MacKay, Sec.	Newbliss.
	Robinson	Alex. Cameron, Sec.	Smith's Falls.
	Silver Creek	Geo. S. Stratton, Sec.	Toledo.
Leeds and Lansdowne.	Bay	Robert Wilson, Sec.	Wilstead.
	Birmingham's Cheddar.	James Birmingham, Sec.	Gananoque.
	Bruce, Fairfax	James Keating, Sec.	Lansdowne.
	Cold Glen	J. Willoughby, Prop.	Ellisville.
	Deerlick	John Cowan, Sec.	Lansdowne.
	Dulcemain	Wm. Sliter, Sec.	Warburton.
	Gananoque	Wm. Richardson, Sec.	Gananoque.
	Gananoque Junction.	John Connor, Pres.	do
	Lake View, Lyndhurst.	James Berney, Sec.	Lyndhurst.
	Lorne	James Donevan, Sec.	Gananoque.
	*Mountain View	James Nobes, Sec.	do
	Oak Leaf	M. J. Johnson, Treas.	Oak Leaf.
	Peoples'	H. McAlpin, Treas.	South Lake.
	*Rapid Valley	C. A. Bradley	Lansdowne.
	St. Lawrence	George E. Godkin, Prop.	Waterton.
	Sand Bay	Benj. Herbison, Sec.	Sand Bay.
	Seeley's Bay	R. Gardiner, Prop.	Seeley's Bay.
	Springvale	H. F. Metcalfe, Sec.	Morton.
	Tilley	James W. Grier, Sec.	Lansdowne.
	Warburton	John Cook, Sec.	Warburton.
	Washburn	L. H. Washburn, Salesman.	Soperton.
Oxford on Rideau. ...	Anderson's	John Anderson, Prop.	Oxford Mills.
	*Bishop's Mills	Albert Alexander, Sec.	Bishop's Mills.
	Maple Ridge (Eager's)	W. A. Scott, Sec.	Kemptville.
	Graham	H. D. Graham, Sec.	Millar's Corners.
	*Kemptville	Orlando Bush, Sec.	Kemptville.
	*Oxford Mills	Levi Patton, Sec.	Oxford Mills.
Wolford.	Old Fairfield	Rufus Bissell, Sec.	Easton's Corners.
	Rideau Valley	John Kerr, Sec.	Merrickville.
Yonge and Escott.	Caintown Union	W. J. White, Sec.	Caintown.
	Elbe	Bates & Brown, Props.	Elbe Mills.
	*Escott Union	W. H. Warren, Sec.	Rockfield.
	Farmersville	L. A. Green, Sec.	Athens.
	Holland	H. C. Lynch, Sec.	Escott.

CHEESE FACTORIES IN ONTARIO.—*Continued.*

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
LEEDS AND GREN.—<i>Con.</i>			
Yonge and Escott....	Junetown, A.....	Jacob Herbison, Salesman...	Caintown.
	Junetown, B.....	Alvin Avery, Sec.....	do
	Leeder's.....	Robert Hogan, Sec.....	do
	Leeds County.....	Terrence Purvis, Sec.....	Young Mills.
	Lillie Springs.....	R. W. Littlejohn, Pres.....	Caintown.
	Mallory's.....	A. W. Mallory, Prop.....	Mallorytown.
	Mallorytown Union.....	David Forester, Sec.....	do
	Ronan's.....	Mathew Ronan, Prop.....	Athens, Box 154.
	Springfield Union.....	N. Hutcheson, Sec.....	Escott.
DUNDAS:			
Matilda.....	Advance, No. 2.....	Thomas Scott, Salesman...	Glen Stewart.
	Advance No. 3.....	S. W. Wood, Sec.....	Dixon's Corners.
	Dundela, Rowena.....	Wm. Eager, Prop.....	Morrisburg.
	Farmer's.....	G. A. Burnside, Sec.....	Iroquois.
	Iroquois (Eager's).....	F. W. Hare, Sec.....	do
	Maple Grove.....	Angus Houlahan, Sec.....	Briston's Corn's.
	Model, No. 1.....	E. A. Roode, Prop.....	Hulbert.
	Morrisburg.....	C. E. Robertson, Sec.....	Morrisburg.
	*Thompson's No. 6.....	W. H. Thompson, Prop.....	Prescott.
Mountain.....	*Advance, No. 1.....	Edward Scott, Prop.....	Heckston.
	Rose & Co., Nos. 1 and 3.	John McTavish, Sec.....	Van Camp.
Williamsburg.....	South Mountain, Inkerman.	Wm. Eager, Prop.....	Morrisburg.
	Archer.....	G. C. Tracy, Sec.....	Archer.
	Caughnawaga.....	Wm. Eager, Prop.....	Morrisburg.
	Denison.....	Reuben Prunner, Sec.....	Archer.
	Dunbar.....	Isaiah Barkley, Sec.....	Dunbar.
	*Elma, *Colquhoun.....	John N. Logan.....	Elma.
	Glen Becker.....	Wm. Eager, Prop.....	Morrisburg.
	Hoasic.....	Chas. L. Baker, Sec.....	Froatsburn.
	North Williamsburg.....	James Dickie, Sec.....	N. Williamsburg.
	Riverside, (Eager's).....	B. H. Bayunga, Sec.....	Morrisburg.
Winchester.....	Ault's No. 1.....	Chris. Irving, Sec.....	Cassbridge.
	Cassbridge Creamery.....	D. Halliday, Sec.....	do
	Chesterville, Connaught.....	Wm. Eager, Prop.....	Morrisburg.
	Ormond, Winch't'r Springs }		
	Kendrick and Carlisle.....	W. R. Allison, Sec.....	Dunbar.
	Maple Ridge.....	R. D. Fulton, Sec.....	Chesterville.
	Morewood (Eager's).....	John McCormick, Sec.....	Morewood.
	Rose & Co., No. 2.....	John McTavish, Sec.....	VanCamp.
	Union, (co-operative).....	George Carlyle, Sec.....	Morewood.
STORMONT:			
Cornwall.....	*Black River, Nos. 1, 2 and 3.	P. N. Tait, Prop.....	Mille Roches.
	*Cornwall Centre.....	A. E. Cline, Sec.....	Eamer's Corners.
	Grant's Corners.....	Wm. Irvine, Prop.....	Martintown.
	*Mille Roches.....	P. N. Tait, Sec.....	Mille Roches.
	Moulinette.....	D. J. McGilles, Sec.....	Moulinette
	Silmser's Corners.....	W. S. Friend, Sec.....	Cornwall.
Finch.....	Berwick No. 1 and 3.....	James Small, Prop.....	Berwick.
	Cahore.....	Wm. Eager, Prop.....	Morrisburg.
	Cannamore (Eager's).....	Robert Steven, Sec.....	Cannamore.
	Crysler.....	F. Richards, Sec.....	Crysler.
	Goldfield.....	D. H. McLean.....	South Finch.
Osnabruk.....	Dickenson Landing.....	Chas. S. Baker, Sec.....	Wales.
	Dixon.....	J. C. Stata, Sec.....	Lunenburg.
	Farran's Point.....	J. R. Farran, Sec.....	Farran's Point.
	Grantley.....	J. N. Logan, Prop.....	Elma.
	Lunenburg.....	H. McEwan, Sec.....	Lunenburg.
	North Osnabruk.....	Gordon Baker, Treas.....	Osnabruk Centre
	White Clover.....	George H. Jackson, Treas...	Gallingtontown.
Roxborough.....	Berwick No. 2.....	James, Small, Prop.....	Berwick.
	Goldfield No. 2.....	John Fraser, Sec.....	Moose Creek.
	*Goldfield Nos. 3 and 4.....	C. H. Wood, Prop.....	Goldfield.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
GLENGARRY:			
Charlottenburg	Allangrove Comb. (9).....	D. M. Macpherson, Prop....	Lancaster.
	Camerontown	Thomas McDonald, Prop....	Morrisburg.
	Lilly White.....	W. Irvine, Prop.....	Martintown.
Kenyon	*Tyotown	D. A. Loney, Sec....	Tyotown
	Allangrove Comb (7).....	D. M. Macpherson, Prop....	Lancaster.
	*Athol	C. H. Wood, Prop.....	Goldfield.
	Diamond No. 2.....	J. H. Molloy, Sec.....	Fenaghvale.
	*Greenfield, *Loch Garry....	J. J. Cameron, Sec.....	Greenfield.
Lancaster	*Spring Creek Comb (4).....	W. D. McLeod, Prop.....	Kirkhill.
	Breadalbane.....	J. C. McLaurin, Sec.....	Dalkeith.
	Allangrove Comb (7).....	D. M. Macpherson, Prop....	Lancaster.
	*Dalhousie Mills	James Irvine.....	Dalkeith.
	Pine Grove (Thistle Brand).	R. J. McArthur, Prop....	N. Lancaster.
Lochiel	*Dalkeith, *McCormick....	James Irvine.....	Dalkeith.
	E. Hawkesbury, No. 3.....	James Hurley, Sec.....	Barb.
	*Maple Grove.....	Kenneth McLennan, Sec....	Dalkeith.
	*Spring Creek Comb. (4)....	W. D. McLeod, Prop.....	Kirkhill.
PRESCOTT:			
Alfred	Alfred	F. W. Langrell, Sec.....	Alfred.
	Daoust.....	Gatien Parisien, Sec.....	do
	Cote D'Or.....	Onesime Dubois.....	Lefaiivre.
	Hughes	Eli Robinson, Sec.....	Treadwell.
Caledonia	Diamond No. 1.....	J. H. Malloy, Sec.....	Fenaghvale.
Hawkesbury	*Arnold	A. F. Arnold, Prop.....	Vankleek Hill.
	E. Hawkesbury, Nos. 1, 2&6	James Hurley, Sec.....	Barb.
	Hawkesbury	W. H. Byers, Pres.....	Hawkesbury.
	Maple Leaf	J. C. McAlpine, Sec.....	St. Ann du Pres-
			cott.
	Maple Leaf, No. 1.....	Amede Leroux, Sec.....	St. Eugene.
	Maple Leaf, No. 2.....	Joseph Seguin, Treas.....	Point Fortune.
	*Monolea, No. 1.....	James Ross.....	Little Rideau.
	*Monolea, No. 4.....	John W. Ross.....	do
	*Spring Creek Comb. (7)....	McCuaig, Cheney & Co. Props	Vankleek Hill.
	Spring Grove No. 1.....	S. N. Morrison, Prop....	Henry.
	Vankleek Hill	D. C. McKinnon, Mnfr....	Vankleek Hill.
	*One factory.....	John McNish.....	do
Longueuil	do	Wm. Wymann.....	Chute à Blondeau.
Plantagenet	Cassburn, L'Orignal	R. H. Marston, Sec.....	Cassburn.
	Chard	David Brown, Salesman....	Chard.
	Fournier	Stephen Surch, Sec.....	Fournier.
	Pendleton	Henry Moffatt, Prop....	Pendleton.
	Riceville, Burnside.....	A. McLean, Sec.....	Riceville.
	St. Isidore	N. Parent, Prop.....	St. Isidore.
	Star	John McCrank, Sec.....	Curran.
	Treadwell	A. H. Chessar, Sec.....	Plantagenet.
RUSSELL:			
Cambridge	Clarence	Damase Meilleur.....	Clarence.
Clarence	The Brook	Joseph Menard, Sec.....	The Brook.
	The Lake.....	Dr. A. DesRosiers.....	Clarence Creek.
Cumberland.....	Russell, Nos. 1, 2, 3, 4 & 5.	W. A. Munroe, Prop....	Navan.
Russell.....	Bolton	Wm. Eager, Prop.....	Morrisburg.
	Riverside	D. McDonald, Sec.....	Russell.
CARLETON:			
Fitzroy	River View	John Stevenson, Prop....	Kinburn.
	Union Pride.....	John Tierney, Sec.....	Arnprior.
Goulbourn	Golden	Henry Vaughan, Sec.....	Stapledon.
	Ottawa Valley	Adam Abbott, Sec.....	Hazledean.
Gower N	Wellington	Wm. Eager, Prop.....	Morrisburg.
	North Gower.....	Edward Kidd, Prop....	North Gower.
Marlborough	*Burritt's Rapids.....	do do	North Gower.
Nepean	Fallowfield		
Osgoode	Kenmore, Marvelville, Os- } goode, Richmond..... }	Wm. Eager, Prop.....	Morrisburg.
	Gordon Model		
	Manotick	H. D. MacDiarmid, Sec....	Dalmeny.
		Geo. Harris, Sec.....	Manotick.

CHEESE FACTORIES IN ONTARIO.—*Continued.*

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
CARLETON.— <i>Con.</i> Osgoode.— <i>Con.</i>	Metcalfe Osgoode, No. 10. *White Globe, No. 2. White Globe No. 3.	Thompson Eastman, Sec. A. Walker, Sec. James Fraser, Sec. John McCaul, Sec.	Metcalfe. do Vernon. do
RENFREW:			
Horton	Maple Home	Robert McLaren, Sec.	Renfrew.
McNab	Waba	John Stewart, Sec.	Waba.
Ross	Forester's Falls	Wm. Grant, Prop.	Forester's Falls.
Wilberforce	Rankin Wilberforce	Jos. H. Graham, Sec. Thomas McKibbin, Sec.	Rankin. Eganville.
LANARK:			
Bathurst	*Fallbrook Harper Scotch Line Tay Banks	Walter Cameron Joseph Warren, Sec. Samuel Wilson, Salesman. W. A. Moore, Sec.	Fallbrook. Harper. Allan's Mills. Perth.
Beckwith	Beckwith Valley Queen	Peter McDougall, Sec. Peter McEwen, Sec.	Ashton. Franktown.
Dalhousie	Watson's Corners, Brookside	W. A. Moore, Sec.	Perth.
Drummond	Balderson Dexter Drummond Centre *Mississippi, *Riverside	Andrew Allan, Sec. Donald McPhail, Sec. Daniel Walsh C. A. Matheson, Sec.	Balderson. McPhail. Drummond. Perth.
Elmsley N	Lone Star	B. S. Snider, Sec.	Port Elmsley.
LANARK	Boyd's, No. 1 Clyde Fairplay Hopetown Middleville Cedar Grove Montague Roseville	Alfred Hammond, Sec. James Herron, Sec. Thomas Jackson, Sec. John Stewart, Sec. A. R. McIntyre, Sec. Colin McNab, Sec. Isaac Cram, Sec. Hugh Clark, Sec.	Innisville. Herron's Mills. Innisville. Hopetown. Middleville. Smith's Falls. Smith's Falls. Montague.
Pakenham	Pakenham Appleton I. X. L.	B. W. Dunnett, Sec. Milton Teskey, Sec. Hiram McCreary, Sec.	Pakenham. Appleton. Carleton Place.
Ramsay	Mississippi Pride Rosedale	James Robertson, Sec. Alfred James, Sec.	Almonte. Clayton.
Sherbrooke S	Lake View	John McGuire, Sec.	Westport.
VICTORIA:			
Eldon	Kirkfield Lorneville	Wm. A. McRae, Sec. Norman L. Campbell, Sec.	Kirkfield. Lorneville.
Emily	Downeyville	J. C. Lucas, Sec.	Downeyville.
Fenelon	Cambray Fenelon Falls	H. J. Lytle, Sec. F. Sandford, Prop.	Cambray. Fenelon Falls.
Mariposa	Little Britain Mariposa	Owen Yearsley, Prop. David Rogers, Sec.	Little Britain. Linden Valley
Verulam	Bobcaygeon *Dunsford Scotch Line	J. L. Read, Sec. Edward Woolard, Sec. Morgan Johns, Sec.	Bobcaygeon. Dunsford. Bobcaygeon.
PETERBOROUGH:			
Anstruther	Apsley	D. Anderson, Sec.-Treas.	Apsley.
Asphodel	Norwood Ormond Westwood	Wm. Buck, Treas. James O'Reilly, Sec. John Lancaster, Sec.	Norwood. Hastings. Westwood.
Belmont	Melrose Abbey Round Lake Star	Samuel Elhott, Sec. John Wright, Pres. James B. Peoples, Sec.	Norwood. Havelock. Preneveau.
Douro	*Trentbridge Maple Leaf Pine Grove	Wm. Johnston, Pres. David Pilkey, Prop. E. J. Abbott, Sec.	Trentbridge. Peterborough. Lakefield.
Dummer	*North Dummer *South Dummer Stony Lake Warminster Warsaw	Richard Crown S. S. Spence John A. Robb, Treas. S. R. Payne, Sec. B. James, Jun., Sec.	Hall's Glen. Cottesloe. Stony Lake. Warsaw. do

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
PETERBOROUGH.—Con.			
Ennismore	*Myrtle	R. J. Scollard	Ennismore.
Harvey	*Lakehurst	Robert Tedford	Lakehurst.
Otonabee	Keene	D. P. McFarlane, Sec.	Keene.
	Lang	David Nelson, Sec.	Lang.
	Otonabee Union	George Stewart, Sec.	Peterborough.
	*Peterborough	Wm. Givin, Sec.	do
	Shearer	John Miller, Sec.	Lang.
Smith	Central Smith	J. B. McEwan, Sec.	Bridgenorth.
	Cherry Grove	J. G. Armstrong, Prop.	Peterborough.
	Lakefield	W. W. Grant, Sec.	Lakefield.
	Lakeview	Porter Robinson, Sec.	Bridgenorth.
	Missing Link	James Middleton, Sec.	Peterborough.
	North Smith	M. E. Sanderson, Sec.	Selwyn.
	Trewern	G. W. Fitzgerald, Sec.	Lakefield.
HALIBURTON:			
Cardiff	Deer Lake	Alfred W. Willis, Sec.	Deer Lake.
Dysart	Dysart	Edward Holmes, Sec.	Haliburton.
	Haliburton	George Bemister, Sec.	do
Minden	Minden	M. Brown, Sec.	Minden.
Monmouth	Wilberforce	Alex. Riley, Sec.	Wilberforce.
Stanhope	Stanhope	Thomas Godwin, Sec.	Boskung.
HASTINGS:			
Carlow and Mayo	Carlow	Andrew Whyte, Sec.	Boulter.
	Carlow and Mayo Union ..	W. J. Douglas, Pres.	Fort Stewart.
Dungannon	Bancroft	Fred. Mullett, Pres.	Bancroft.
	L'Amable	J. R. Tait, Sec.	L'Amable.
	Walkerville	D. Kavanagh, Pres.	Umfraville.
Elzevir	*Bridgewater	Edward Sexsmith, Pres.	Bridgewater.
	Elzevir	Wm. Wiggins, Pres.	Queensborough.
Faraday	Page Road	George Orr, Pres.	Faraday.
Herschel	Maynooth	John M. Third, Sec.	Bancroft.
Hungerford	Bogart	Peter Lebarge, Pres.	Bogart.
	*Cedar	Andrew Kirk	Tweed.
	Kervine	Patrick Murphy, Pres.	Stoco.
	Marlbank	Wm. Burley, Sec.	Marlbank.
	Money more	John Thompson, Sec.	Money more.
	Roblin	James Clare, Pres.	Chapman.
	Thomasburg	E. Elliott, Sec.	Thomasburg.
	*Tweed	Thomas Graham, Pres.	Tweed.
Huntingdon	Victoria	Wm. Brown, Sec.	do
	Beulah	Martin Baker, Pres.	Ivanhoe.
	Daisy	John O'Reilly, Sec.	Madoc.
	Glen	Samuel Ray, Pres.	Fuller.
	Moir	W. H. Morton, Pres.	Moir.
	West Huntingdon	James Haggerty, Pres.	West Huntingdon
	White Lake	Hector Wood, Pres.	Ivanhoe.
Madoc	Allen Settlement	W. J. Allen, Pres.	Cooper.
	Alexandria	John Caskey, Pres.	Madoc.
	Brook Valley	Thomas Burnside, Pres.	do
	Cold Spring	A. M. Ketcheson, Pres.	do
	Golden	James English, Pres.	do
	Madoc	Arch. Thompson, Pres.	Queensborough.
	Spring Creek	Wm. Thompson, Pres.	Remington.
	Spring Hill	D. McKenzie, Pres.	Madoc.
Marmora	Deloro	Ralph Laycock, Pres.	Deloro.
	Marmora, Cook, Riverside ..	Wm. Hilton, Salesman	Marmora.
Monteagle	Greenview	Edward Leveck, Sec.	Greenview.
	Hybla	George A. Bartlett, Pres.	Hybla.
Rawdon	Diamond	George A. Johnson, Pres.	Stirling.
	Enterprise	Turner Sine, Pres.	Sine.
	Evergreen	Robert Lanigan, Pres.	Stirling.
	Harold	John Tanner, Pres.	Harold.
	Kingston	James T. Belshaw, Pres.	Stirling.
	Maple Leaf	Thomas McKeown, Pres.	Big Springs.
	Plum Grove	James Duncan, Pres.	Wellman's Corners
	Springbrook	Thomas J. Thompson, Pres.	Springbrook.
	Stirling	Hiram Conley, Pres.	Stirling.

CHEESE FACTORIES IN ONTARIO.—*Continued.*

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
HASTINGS :— <i>Continued.</i>			
Sidney	Bay View	R. J. Graham, Sec ..	Belleville.
	Frankford	Joshua Anderson, Pres	Frankford.
	Front of Sidney	A. P. Meyers, Salesman	Trenton.
	Grove	A. B. Mallory, Pres	Frankford.
	Johnston	E. Harry, Sec	Glen Miller.
	Shamrock	Oakley Vandervoort, Pres....	Stirling.
	Sidney	J. R. Brower, Pres	Belleville.
	*Sidney Town Hall	S. T. Wilmott, Pres	Wallbridge.
	Springfield	Thomas Steele, Pres	Trenton.
Thurlow	Ashley	Harford Ashley, Sec	Belleville.
	Bronk	James Boldrick, Pres	Canifton.
	East Hastings	W. A. Chapman, Sec	Roslin.
	Halloway	P. R. Daly, Pres	Foxboro'
	Thurlow	O. R. Weese, Pres	Belleville.
	Union	F. Brenton, Pres	Corbyville.
	Zion	Wm. Sills, Pres	Foxboro'
Tudor	*Millbridge	Chas Donaldson, Sec	Millbridge.
Tyendinaga	Albert	Michael Corrigan, Pres	Albert.
	Gould's Cheddar	Peter Gould, Sec	Napanee.
	Melrose	A. J. McLaren, Sec	Melrose.
	Mountain	R. L. Lazier	Shannonville.
	Read	Patrick Boland, Treas	Naphan.
	*Rosebud	Alex. Coulter, Sec	Myrehall.
	Shannonville	Wm. Clazie, Pres	Belleville.
Wollaston	Coe Hill	R. S. Tivy, Pres	Coe Hill.

CREAMERIES IN ONTARIO IN 1891.

County and Township.	Name of Creamery.	Name of Secretary or other Officer.	Post Office Address.
LAMBTON : Plympton	Wanstead	Arch. Wark, Prop	Wanstead.
HURON : Goderich	Goderich (Town)	John Hannah, Prop	Seaforth.
Grey	*Molesworth	Horace Cummings	Molesworth.
Hallett	Londesborough	George Watt, Pres.	Harlock.
McKillop	Seaforth (Town)	John Hannah, Prop	Seaforth.
Tuckersmith	Brucefield	Hugh McCartney	Brucefield.
BRUCE : Brant	Walkerton (Brill's)	George Balkwell, Mgr	Walkerton.
Carrick	Mildmay	John Henderson, Sec	Mildmay.
Culross	*Formosa	Ambrose Zettel, Sec	Formosa.
Elderslie	Star	S. R. Brill, Sec	Teeswater.
Kinloss	Chesley	W. Halliday, Sec	Chesley.
	Dobbinton	James Douglas	Dobbinton.
	Whitechurch	John J. W. Simpson, Sec ..	Whitechurch.
GREY : Derby	*Rock Spring	Wm. Gladstone	Owen Sound.
Egremont	Dromore	John Philp, Sec	Dromore.
	Holstein	David Allen, Sec	Holstein.
Glenelg	Durham	A. M. Dargaval, Prop	Durham.
Normanby	Ayton	Isaac Wenger, Prop	Ayton.
	Saugeen Valley	John B. Ashley, Sec	Neustadt.
Sydenham	Pleasant View	James Struthers, Prop	Owen Sound.
MIDDLESEX : London	*Medway	Jas. Carmichael	Arva.
PERTH : Blanshard	Kirkton	John Hannah, Prop	Seaforth.
WELLINGTON : Guelph	Ontario	John McHardy, Mgr	Guelph.
WATERLOO : Waterloo	*Breslau	M. Brubacher	Breslau.
Wellesley	Crosshill	John T. Wilford, Sec	Crosshill.
Wilmot	+Nith Valley	Henry D. Tye, Sec	Haysville.
Woolwich	St. Jacobs	Brubacher & Snyder, Props..	St. Jacobs.
DURHAM : Cartwright	Cedar Grove	Robert Philip, Prop	Cadmus.
PRINCE EDWARD : Ameliasburg	+Sprague	John Sprauge, Salesman	Ameliasburg.
	*Willow Glen	A. C. Miller, Prop	Picton.
LEEDS AND GRENVILLE : Edwardsburg	Ventnor	Miller and Ferguson. Props..	Spencerville.
Yonge	Twin Elms	C. Johnson & Son, Props	Athens.
DUNDAS : Matilda	Banford & Johnston	G. W. Collison, Sec	Hainsville.
	Rutherford	Richard Gibbons, Sec	Irena.
Williamsburg	*Dunbar	Matthew Carlyle, Sec	Dunbar.
STORMONT : Osnabruck	+Stormont	John H. Croil	Aultsville.
GLENGARRY : Charlottenburg	Gore	Abrams & McLennan, Prop..	Summerstown.
RUSSELL : Clarence	*The Brook	Joachim Bellefeuille, Prop....	The Brook.
Russell	*St. Onge	Mr. Dupuis	St. Onge

+ Makes both butter and cheese.

STATISTICS OF

LIVESTOCK AND DAIRY PRODUCTS

HORSES AND HOGS.

TABLE I. Showing by County Municipalities and groups of Counties the numbers of Horses and Hogs in Ontario in the years 1890 and 1891.

Counties.	Horses.					Hogs.			
	Working horses.	Breeding mares.	Unbroken horses.	Totals.		Over 1 year.	Under 1 year.	Totals.	
				1891.	1890.			1891.	1890.
Essex	8,142	3,178	6,548	17,868	19,054	10,480	45,780	56,260	59,581
Kent	10,537	4,828	9,606	24,971	23,060	10,472	49,931	60,403	70,505
Elgin	7,922	3,077	5,723	16,722	16,427	7,371	32,279	39,650	46,475
Norfolk	6,900	2,510	4,752	14,162	13,581	5,694	28,485	34,179	34,096
Haldimand	5,564	2,380	4,388	12,332	12,183	3,572	17,408	20,980	19,303
Welland	5,651	1,521	3,495	10,667	9,930	1,946	9,966	11,912	12,675
Totals	44,716	17,494	34,512	96,722	94,235	39,535	183,849	223,384	242,635
Lambton	8,758	3,447	6,770	18,975	18,237	3,841	19,144	22,985	29,050
Huron	13,145	7,166	12,318	32,629	31,352	7,572	35,636	43,208	43,689
Bruce	10,625	4,965	8,163	23,753	22,629	7,054	29,048	36,102	34,767
Totals	32,528	15,578	27,251	75,357	72,218	18,467	83,828	102,295	107,506
Grey	14,150	5,692	8,941	23,783	27,496	10,109	39,419	49,528	46,522
Simcoe	13,376	5,260	8,742	27,378	26,201	11,583	43,489	55,072	49,106
Totals	27,526	10,952	17,683	56,161	53,697	21,692	82,908	104,600	95,628
Middlesex	14,211	6,098	11,232	31,541	32,411	6,932	40,348	47,280	54,397
Oxford	10,589	3,889	6,777	21,255	19,118	6,383	40,981	47,364	40,813
Brant	5,175	1,776	3,120	10,071	10,154	3,981	17,344	21,325	18,624
Perth	9,521	4,471	7,489	21,481	20,736	5,311	30,221	35,532	35,256
Wellington	11,335	5,003	7,841	24,179	24,148	7,238	38,342	45,580	47,247
Waterloo	7,293	2,503	3,861	13,662	13,371	3,087	22,129	25,216	23,723
Dufferin	5,236	2,245	3,209	10,690	9,703	3,664	17,382	21,046	19,270
Totals	63,360	25,990	43,529	132,879	129,641	36,596	206,747	243,343	239,310
Lincoln	5,780	1,565	3,238	10,583	9,660	2,040	11,771	13,811	13,864
Wentworth	7,568	2,375	3,907	13,850	14,038	3,146	19,426	22,572	21,050
Halton	5,446	1,356	2,525	9,327	9,600	1,858	12,123	13,981	16,257
Peel	7,047	2,284	4,475	13,806	13,768	3,837	21,262	25,099	23,591
York	13,130	5,785	8,754	27,669	27,332	7,010	37,547	44,557	48,965
Ontario	9,733	4,463	7,664	21,860	21,633	6,088	30,579	36,667	33,370
Durham	8,158	2,737	5,010	15,905	15,282	4,300	20,909	25,209	21,061
Northumberland	9,271	3,072	6,102	18,445	17,172	5,244	20,660	25,904	22,101
Prince Edward	5,644	2,166	4,461	12,271	12,086	2,436	9,249	11,685	10,726
Totals	71,777	25,803	46,136	143,716	140,571	35,959	183,526	219,485	210,985
Lennox & Addington	5,435	1,808	3,480	10,723	11,070	2,710	9,630	12,340	11,409
Frontenac	5,760	1,637	2,843	10,240	10,083	2,645	9,773	12,418	12,462
Leeds & Grenville	11,204	2,931	5,383	19,513	19,993	8,717	20,235	28,952	29,987
Dundas	4,740	1,335	2,512	8,587	8,347	2,873	7,502	10,375	10,936
Stormont	3,814	1,314	2,600	7,728	7,727	2,356	5,050	7,406	8,059
Glengarry	4,169	2,307	3,462	9,938	10,064	3,057	6,356	9,413	10,668
Prescott	3,867	1,683	3,049	8,599	7,325	3,563	6,571	10,134	9,697
Russell	2,432	964	1,485	4,881	5,258	2,380	5,355	7,935	7,427
Carleton	7,571	3,096	4,366	15,033	14,843	5,276	17,059	22,335	21,480
Renfrew	7,208	2,699	4,236	14,143	13,236	8,872	12,773	21,645	19,404
Lanark	6,118	1,847	3,405	11,370	10,513	4,285	14,850	19,135	15,094
Totals	62,318	21,621	36,821	120,760	118,959	46,734	115,354	162,088	156,623
Victoria	6,466	2,844	4,905	14,215	13,658	5,516	18,775	24,291	22,103
Peterborough	5,775	2,148	3,653	11,576	10,674	5,290	17,851	23,141	20,871
Haliburton	767	400	527	1,694	1,258	860	1,713	2,573	2,505
Hastings	9,168	2,663	5,440	17,271	18,211	9,301	23,558	32,859	29,720
Totals	22,176	8,055	14,525	44,756	43,801	20,967	61,897	82,864	75,199
Muskoka	1,465	628	709	2,802	2,426	1,202	4,131	5,333	4,072
Parry Sound	1,115	462	555	2,132	1,615	912	3,483	4,395	2,951
Nipissing	520	111	98	729	460	332	540	872	859
Algoma	1,235	494	716	2,445	2,013	1,729	5,928	7,657	4,791
Totals	4,335	1,695	2,078	8,108	6,514	4,175	14,082	18,257	12,673
The Province	328,736	127,188	222,535	678,459	659,636	224,125	932,191	1,156,316	1,140,550

CATTLE.

TABLE II. Showing by County Municipalities and groups of Counties the number of Cattle in Ontario in the years 1890 and 1891.

Counties.	Working oxen.	Milch cows.		Store cattle over 2 years.		Young and other cattle.	Totals.	
		1891.	1890.	1891.	1890.		1891.	1890.
Essex	158	13,678	14,600	7,810	9,030	15,105	36,751	40,220
Kent	123	16,832	18,311	12,117	13,494	23,572	52,644	56,876
Elgin	115	18,221	18,608	11,878	9,239	20,877	51,091	48,145
Norfolk	202	14,872	14,031	4,109	3,481	12,874	32,057	29,738
Haldimand	67	11,582	12,231	3,585	4,077	12,079	27,313	27,947
Welland	253	8,727	8,739	2,524	2,804	8,249	19,753	20,206
Totals	918	83,912	86,520	42,023	42,125	92,756	219,609	222,626
Lambton		17,407	18,693	15,677	17,532	27,977	61,061	63,615
Huron	201	28,942	29,431	30,278	31,619	49,646	109,067	104,720
Bruce	523	26,780	26,566	19,988	19,897	40,922	88,213	83,401
Totals	724	73,129	74,690	65,943	69,048	118,545	258,341	251,736
Grey	584	32,514	32,465	25,435	22,367	51,227	109,760	103,338
Simcoe	279	23,657	23,816	14,671	14,075	33,147	71,754	67,437
Totals	863	56,171	56,281	40,106	36,442	84,374	181,514	170,775
Middlesex		34,792	35,864	34,476	28,292	49,012	118,280	108,564
Oxford	97	34,526	35,194	11,551	12,007	26,026	72,200	70,871
Brant	57	9,932	10,584	2,385	3,197	10,707	23,081	23,694
Perth	36	26,005	26,137	14,057	15,380	33,602	73,700	73,008
Wellington	147	24,109	24,635	15,703	16,365	35,601	75,560	74,420
Waterloo	132	13,705	13,728	4,324	4,819	15,505	33,666	33,590
Dufferin	93	9,414	9,501	8,272	7,360	14,514	32,293	30,106
Totals	562	152,483	155,643	90,768	87,420	184,967	428,780	414,259
Lincoln	73	8,303	7,506	2,644	2,738	7,286	18,306	16,967
Wentworth		12,651	13,679	3,372	3,138	11,819	27,842	27,451
Halton	101	8,984	10,162	4,702	4,956	10,364	24,151	24,632
Peel		11,800	11,558	4,911	4,900	11,032	27,743	26,527
York	25	21,887	21,971	6,877	6,988	16,739	45,528	43,157
Ontario	41	16,463	15,832	8,763	8,506	23,694	48,961	46,868
Durham	21	11,219	10,912	5,742	5,358	16,067	33,049	29,540
Northumberland	129	21,522	19,959	4,722	4,588	18,819	45,192	38,621
Prince Edward	73	10,100	10,064	2,079	1,323	8,447	20,699	18,227
Totals	463	122,929	121,643	43,812	42,495	124,267	291,471	271,991
Lennox and Addington	142	14,533	14,671	5,217	3,584	14,320	34,212	28,814
Frontenac	315	18,295	16,675	4,618	4,689	15,088	38,316	35,804
Leeds and Grenville	27	46,145	45,597	7,484	5,817	25,494	79,150	74,285
Dundas		16,016	16,756	2,089	2,252	8,045	26,150	26,204
Storment		15,538	15,824	2,529	2,539	6,733	24,800	26,016
Glengarry		17,891	19,319	2,145	1,710	9,544	29,580	31,052
Prescott		13,298	11,999	1,489	2,404	10,020	24,807	21,760
Russell	35	7,405	7,053	1,617	2,550	5,936	14,993	15,903
Carleton		22,529	24,123	6,607	7,251	20,291	49,427	47,556
Renfrew	81	18,751	17,886	10,089	7,770	21,685	50,606	47,599
Lanark	97	20,195	19,587	8,817	7,071	20,941	50,050	44,485
Totals	697	210,596	209,490	52,701	47,637	158,097	422,091	399,478
Victoria	113	11,515	11,935	7,050	6,337	16,714	35,392	33,404
Peterborough	174	14,909	14,527	4,246	4,377	14,409	33,738	31,245
Haliburton	227	2,780	2,622	1,147	1,083	4,000	8,154	7,544
Hastings	388	32,147	33,296	6,027	6,309	22,995	61,558	59,711
Totals	903	61,351	62,380	18,470	18,106	58,118	138,842	131,903
Muskoka	520	4,698	4,471	1,600	1,559	6,527	13,345	11,854
Parry Sound	589	3,766	2,785	1,735	1,166	5,219	11,109	8,380
Nipissing	59	897	738	254	359	1,021	2,231	2,020
Algoma	418	3,502	3,197	1,906	1,283	5,656	11,482	9,658
Totals	1,586	12,663	11,191	5,495	4,367	18,423	38,167	31,942
The Province	6,716	773,234	777,838	359,318	347,640	839,547	1,978,815	1,894,712

SHEEP AND POULTRY.

TABLE III. Showing by County Municipalities and groups of Counties the numbers of Sheep and of Poultry in Ontario in the years 1890 and 1891.

Counties.	Sheep.				Poultry.				
	Over 1 year.	Under 1 year.	Totals.		Turkeys	Geese.	Other fowls.	Totals.	
			1891.	1890.				1891.	1890.
Essex.....	15,324	12,868	28,192	27,911	10,074	15,922	184,267	210,263	158,695
Kent.....	20,839	16,652	37,491	36,228	17,185	11,275	174,553	203,013	194,234
Elgin.....	25,870	22,474	48,344	40,305	12,059	6,735	139,628	158,432	176,844
Norfolk.....	16,220	13,928	30,148	23,145	8,826	4,607	116,031	129,464	136,739
Haldimand....	15,287	13,103	28,390	25,402	6,401	6,374	106,990	119,765	123,808
Welland.....	12,152	9,809	21,961	19,968	8,166	5,122	87,517	100,805	102,887
Totals....	105,692	88,834	194,526	172,959	62,721	50,035	808,986	921,742	893,207
Lambton.....	25,587	21,902	47,489	44,412	12,358	12,311	173,166	197,835	194,920
Huron.....	49,638	43,329	92,967	71,429	17,819	25,126	303,333	346,278	353,108
Bruce.....	51,038	44,674	95,712	72,020	12,318	20,105	209,173	241,596	230,610
Totals....	126,263	109,905	236,168	187,861	42,495	57,542	685,672	785,709	778,638
Grey.....	72,983	58,350	131,333	102,737	19,641	26,153	267,322	313,116	304,973
Simcoe.....	43,083	30,941	74,024	60,401	21,050	21,767	247,904	290,721	279,467
Totals....	116,066	89,291	205,357	163,138	40,691	47,920	515,226	603,837	584,440
Middlesex....	41,725	34,170	75,895	56,435	30,471	17,386	296,784	344,641	359,691
Oxford.....	14,812	14,121	28,933	19,598	12,036	9,354	174,638	196,028	202,356
Brant.....	11,190	9,352	20,542	17,781	5,359	4,496	88,488	98,343	93,770
Perth.....	29,109	26,144	55,253	44,107	14,229	18,669	220,673	253,571	247,169
Wellington....	44,340	36,721	81,061	63,220	16,404	19,198	212,547	248,149	261,424
Waterloo....	21,276	15,918	37,194	30,163	7,238	5,542	136,127	148,907	138,961
Dufferin.....	16,766	12,718	29,484	24,099	7,791	9,830	100,426	118,047	121,017
Totals....	179,218	149,144	328,362	255,403	93,528	84,475	1,229,683	1,407,686	1,424,388
Lincoln.....	9,841	9,012	18,853	13,175	6,593	3,365	75,752	85,710	87,912
Wentworth....	14,750	11,551	26,301	20,516	9,432	4,666	104,418	118,516	125,918
Halton.....	10,059	8,242	18,301	15,031	5,258	6,542	76,535	88,335	94,195
Peel.....	13,745	10,077	23,822	15,064	19,184	17,641	132,148	168,973	156,390
York.....	22,061	15,928	37,989	31,669	19,038	15,683	210,059	244,780	240,689
Ontario.....	26,468	21,295	47,763	34,809	12,580	14,770	198,354	225,704	201,489
Durham.....	25,478	18,424	43,902	24,262	15,636	12,223	139,000	166,859	165,959
Northumb'rd	18,264	14,458	32,722	24,206	15,546	13,508	151,673	180,727	174,376
Prince Edw'd.	7,039	6,361	13,400	10,348	5,338	2,996	103,550	111,884	103,203
Totals....	147,705	115,348	263,053	189,080	108,605	91,394	1,191,489	1,391,488	1,350,131
Lennox & Ad.	9,962	8,375	18,337	16,542	4,221	4,020	85,656	93,897	103,935
Frontenac....	16,454	14,625	31,079	23,128	6,421	5,208	106,263	117,892	94,979
Leeds & Gren.	24,906	20,726	45,632	42,571	24,159	14,159	179,263	217,581	236,714
Dundas.....	6,896	5,840	12,736	10,612	9,098	5,555	86,528	101,181	106,333
Stormont....	5,733	4,300	10,033	9,746	3,949	3,893	72,137	79,979	86,464
Glengarry....	13,404	7,796	21,200	15,745	3,791	6,676	83,914	94,381	99,980
Prescott.....	8,008	5,863	13,876	13,778	7,033	5,815	61,052	73,900	74,796
Russell.....	7,338	6,330	13,668	10,009	5,893	4,204	42,349	52,451	47,577
Carleton....	19,229	16,511	35,740	31,043	23,669	16,237	146,956	186,862	187,581
Renfrew.....	38,510	29,242	67,752	51,548	12,178	11,916	108,131	132,225	117,332
Lanark.....	32,223	24,890	57,113	42,489	20,269	11,796	125,092	157,157	139,072
Totals....	182,663	144,503	327,166	267,211	120,686	89,479	1,097,341	1,307,506	1,294,763
Victoria.....	22,311	16,238	38,549	27,731	15,062	9,042	132,144	156,248	132,146
Peterborough.	14,892	12,247	27,139	20,268	7,756	9,214	118,104	135,074	127,851
Haliburton...	4,107	3,020	7,127	4,977	1,233	1,333	16,300	18,866	15,883
Hastings.....	16,838	13,956	30,794	23,752	7,263	11,357	150,339	168,959	161,763
Totals....	58,148	45,461	103,609	76,728	31,314	30,946	416,887	479,147	437,637
Muskoka.....	7,202	5,515	12,717	9,651	3,206	2,342	31,860	37,408	32,146
Parry Sound..	5,003	3,591	8,594	6,451	1,507	1,362	24,738	27,607	22,965
Nipissing.....	546	442	988	695	462	312	8,314	9,088	7,171
Algoma.....	7,207	6,004	13,211	10,519	2,692	2,483	29,697	34,872	29,378
Totals....	19,958	15,552	35,510	27,315	7,867	6,499	94,609	108,975	91,660
The Province.	935,713	758,038	1,693,751	1,339,695	507,907	458,290	6,039,893	7,006,090	6,854,864

WOOL.

TABLE IV. Showing by County Municipalities and groups of Counties the clip of Wool in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91; also the average number of pounds per fleece.

Counties.	1891.			1890.			Yearly average for the ten years 1882-91.		
	No. of fleeces.	Pounds.	lb. per fleece.	No. of fleeces.	Pounds.	lb. per fleece.	No. of fleeces.	Pounds.	lb. per fleece.
Essex.....	15,442	88,776	5.75	15,401	83,898	5.45	14,582	81,878	5.62
Kent.....	21,136	127,116	6.01	20,447	113,515	5.55	20,682	118,101	5.71
Elgin.....	26,277	153,872	5.86	23,021	133,457	5.80	23,050	131,821	5.72
Norfolk.....	16,484	91,010	5.52	13,245	72,753	5.49	16,657	88,286	5.30
Haldimand.....	15,345	95,351	6.21	15,282	89,246	5.84	17,723	104,974	5.92
Welland.....	12,456	61,724	4.96	11,845	60,503	5.11	14,036	70,866	5.05
Totals.....	107,140	617,849	5.77	99,241	553,372	5.58	106,730	595,926	5.58
Lambton.....	27,389	163,504	5.97	24,733	145,390	5.88	25,494	148,695	5.83
Huron.....	50,891	296,123	5.82	39,384	233,098	5.92	48,461	275,843	5.69
Bruce.....	52,330	311,521	5.95	44,831	271,869	6.06	48,412	277,539	5.73
Totals.....	130,610	771,148	5.90	108,948	650,357	5.97	122,367	702,077	5.74
Grey.....	74,715	427,409	5.72	62,692	357,379	5.70	69,871	386,815	5.54
Simcoe.....	43,959	255,812	5.82	37,126	209,817	5.65	44,922	248,519	5.53
Totals.....	118,674	683,221	5.76	99,818	567,196	5.68	114,793	635,334	5.53
Middlesex.....	41,491	257,580	6.21	33,017	200,235	6.06	38,022	226,620	5.96
Oxford.....	15,072	87,802	5.83	11,435	64,603	5.65	19,292	110,128	5.71
Brant.....	11,509	67,741	5.89	10,074	58,103	5.77	13,825	79,182	5.73
Perth.....	29,560	182,668	6.18	26,128	157,185	6.02	32,022	182,199	5.69
Wellington.....	45,306	274,048	6.05	38,235	225,946	5.91	47,375	270,299	5.71
Waterloo.....	21,505	122,669	5.70	18,380	102,289	5.57	22,286	120,764	5.42
Dufferin.....	17,070	103,066	6.04	14,646	84,971	5.80	17,921	100,973	5.63
Totals.....	181,513	1,095,574	6.04	151,915	893,332	5.89	190,743	1,090,165	5.72
Lincoln.....	10,093	57,215	5.67	7,703	40,151	5.21	10,326	53,365	5.17
Wentworth.....	15,257	90,566	5.94	12,094	69,195	5.72	15,049	85,430	5.68
Halton.....	10,262	67,090	6.54	8,705	55,811	6.41	11,612	71,996	6.20
Peel.....	14,104	96,354	6.83	8,850	59,383	6.71	15,227	99,571	6.54
York.....	22,647	142,443	6.29	20,366	119,912	5.89	27,085	162,105	5.99
Ontario.....	27,001	178,553	6.61	20,942	126,623	6.05	27,068	166,465	6.15
Dnrham.....	25,762	157,797	6.13	15,518	91,072	5.87	21,437	124,785	5.82
Northumberland.....	18,955	110,220	5.81	14,371	86,203	6.00	20,439	117,051	5.73
Prince Edward.....	7,101	39,892	5.62	6,101	33,194	5.44	9,279	49,022	5.28
Totals.....	151,182	940,130	6.22	114,650	681,544	5.94	157,522	929,790	5.90
Lennox and Addington.....	10,071	55,367	5.50	9,594	55,228	5.76	14,440	76,207	5.28
Frontenac.....	16,526	85,401	5.17	14,377	73,717	5.48	18,886	92,658	5.04
Leeds and Grenville.....	25,287	127,553	5.04	24,596	127,943	5.20	35,886	174,698	4.87
Dundas.....	7,141	37,110	5.20	5,936	32,027	5.40	10,542	52,687	5.00
Stormont.....	6,049	34,212	5.66	6,703	36,347	5.42	9,522	49,391	5.19
Glengarry.....	13,634	70,157	5.15	10,100	52,089	5.16	15,313	72,201	4.72
Prescott.....	8,208	45,939	5.60	8,622	45,055	5.23	10,702	52,781	4.93
Russell.....	7,592	42,865	5.65	6,343	35,297	5.56	7,868	38,483	4.89
Carleton.....	19,348	103,524	5.35	19,930	104,743	5.26	27,898	141,396	5.07
Renfrew.....	38,980	189,313	4.86	33,748	165,218	4.90	37,270	170,188	4.57
Lanark.....	33,000	167,101	5.06	28,505	141,909	4.98	33,252	160,328	4.82
Totals.....	185,836	958,542	5.16	168,454	874,573	5.19	221,079	1,081,018	4.89
Victoria.....	22,685	124,726	5.50	17,378	100,247	5.77	21,778	120,627	5.54
Peterborough.....	15,051	82,866	5.51	12,377	64,990	5.25	16,694	88,126	5.28
Haliburton.....	4,180	20,693	4.95	3,065	15,239	4.97	3,450	16,501	4.78
Hastings.....	17,107	86,286	5.04	15,068	81,450	5.41	24,774	121,467	4.90
Totals.....	59,023	314,571	5.33	47,888	261,926	5.47	66,696	346,721	5.20
Muskoka.....	7,425	39,643	5.34	5,549	29,076	5.24	5,988	32,091	5.36
Parry Sound.....	5,187	29,634	5.71	4,082	22,498	5.51	2,564	14,690	5.73
Nipissing.....	598	3,211	5.37	466	2,177	4.67	107	539	5.04
Algoma.....	7,334	44,618	6.08	6,475	38,649	5.97	3,885	22,876	5.97
Totals.....	20,544	117,106	5.70	16,572	92,400	5.58	12,494	70,196	5.62
The Province.....	954,522	5,498,141	5.76	807,486	4,574,700	5.67	992,424	5,451,227	5.49

FACTORY CHEESE.

TABLE V. Showing by County Municipalities and groups of Counties the quantity and value of Cheese made at 702 factories in Ontario in 1891, the average dates of opening and closing, and the total number of factories reported in operation.

Counties.	Factories in operation.	Factories making returns.	Quantity of—		Gross value of cheese.	No. of patrons.	Milk required to make 1 lb. cheese.	Value of cheese per 100 lb.	Average date of opening.	Average date of closing.
			Milk used.	Cheese made.						
	No.	No.	lb.	lb.	\$		lb.	¢		
Essex	1	1	158,700	13,800	1,226	36	11.50	8 88	June 2	Aug. 18
Kent	9	4	2,547,913	233,120	21,687	198	10.98	9 30	May 13	Oct. 18
Elgin	25	20	26,443,532	2,459,109	229,225	1,452	10.75	9 32	Apr. 27	Nov. 10
Norfolk	22	19	17,607,531	1,653,529	152,878	1,463	10.65	9 25	May 3	" 5
Haldimand	10	7	6,459,790	600,779	55,046	526	10.75	9 16	" 11	Oct. 25
Welland	3	2	2,298,047	216,107	19,726	153	10.63	9 13	" 11	Nov. 15
Total	70	53	55,515,513	5,176,444	479,788	3,828	10.72	9 27	" 4	" 2
Lambton	13	11	9,673,626	913,327	85,928	855	10.59	9 41	" 19	" 9
Huron	14	13	15,987,215	1,488,605	140,719	1,222	10.74	9 45	" 15	Oct. 31
Bruce	22	22	24,047,284	2,255,353	212,705	1,688	10.66	9 43	" 17	" 29
Total	49	46	49,708,125	4,657,285	439,352	3,765	10.67	9 43	" 17	Nov. 1
Grey	11	11	9,269,903	869,081	80,850	701	10.67	9 30	" 19	Oct. 24
Simcoe	9	8	3,765,037	360,239	33,147	380	10.45	9 20	" 20	" 25
Total	20	19	13,034,940	1,229,320	113,997	1,081	10.60	9 27	" 20	" 24
Middlesex	39	32	47,671,240	4,433,925	418,984	2,544	10.75	9 45	" 1	Nov. 12
Oxford	43	37	81,280,939	7,611,624	715,534	2,911	10.68	9 40	Apr. 20	" 22
Brant	7	4	5,833,575	549,947	51,204	300	10.61	9 31	" 23	" 20
Perth	26	25	40,023,778	3,724,426	357,614	2,047	10.75	9 60	May 6	" 8
Wellington	11	9	14,483,235	1,353,314	127,937	896	10.70	9 45	" 17	Oct. 31
Waterloo	5	5	4,333,925	399,462	38,296	298	10.85	9 59	" 10	" 25
Dufferin	2	2	1,065,857	100,112	9,032	77	10.65	9 02	" 22	" 17
Total	133	114	194,692,549	18,172,810	1,718,601	9,073	10.71	9 46	Apr. 30	Nov. 13
Lincoln	3	2	2,155,219	200,661	18,638	192	10.74	9 29	May 5	" 7
Wentworth	3	3	2,898,036	271,745	24,952	150	10.66	9 18	" 13	Oct. 31
Peel	1	1	260,000	24,760	2,360	22	10.50	9 53	June 1	" 15
York	3	2	357,772	33,933	3,349	36	10.54	9 87	May 30	Sept. 19
Ontario	1	1	314,692	28,057	2,623	42	11.22	9 35	" 25	Oct. 9
Durham	11	11	5,887,075	541,586	50,070	501	10.87	9 25	" 12	" 29
Northumberland	36	33	31,938,462	2,998,808	280,453	1,564	10.65	9 35	Apr. 27	Nov. 2
Prince Edward	17	14	14,472,292	1,380,490	127,768	1,080	10.48	9 26	May 1	Oct. 30
Total	75	67	58,283,548	5,480,040	510,213	3,587	10.64	9 31	" 3	" 30
Lennox & Addington	24	23	34,430,862	3,365,045	316,539	1,911	10.23	9 41	Apr. 30	Nov. 4
Frontenac	38	27	19,552,118	1,881,704	175,302	815	10.39	9 32	May 3	Oct. 30
Leeds and Grenville	109	90	89,984,660	8,511,030	790,458	3,546	10.57	9 29	Apr. 25	Nov. 2
Dundas	36	32	26,537,590	2,552,502	237,028	1,074	10.40	9 29	May 1	" 2
Stormont	25	18	16,134,011	1,553,551	142,948	829	10.39	9 20	" 5	" 1
Glengarry	45	29	14,913,085	1,404,394	128,609	753	10.62	9 16	" 12	Oct. 30
Prescott	36	24	14,816,691	1,455,081	133,560	717	10.18	9 18	" 2	" 31
Russell	10	10	4,986,250	487,233	45,112	286	10.23	9 26	" 8	" 30
Carleton	18	16	9,788,689	934,861	86,492	526	10.47	9 25	" 17	" 27
Renfrew	5	5	2,644,938	253,637	22,925	187	10.43	9 04	" 21	" 18
Lanark	28	25	22,791,719	2,185,780	200,972	1,238	10.43	9 19	" 11	" 24
Total	374	299	256,530,613	24,684,818	2,279,945	11,882	10.44	9 27	" 3	" 31
Victoria	10	9	4,879,109	452,064	41,524	390	10.79	9 19	" 16	" 29
Peterborough	29	23	22,328,809	2,067,056	190,483	1,140	10.80	9 22	" 5	" 30
Haliburton	6	6	1,025,414	102,420	9,256	92	10.01	9 04	" 23	" 22
Hastings	72	66	68,949,481	6,710,425	630,745	2,914	10.27	9 40	Apr. 26	Nov. 1
Total	117	104	97,182,813	9,331,965	872,008	4,536	10.41	9 34	May 1	Oct. 31
The Province	838	702	724,998,101	68,632,682	6,413,904	37,752	10.56	9 35	May 4	Nov. 2
Estimated at 136 fac- tories not reported f	.....	136	140,455,473	13,296,360	1,242,580	7,314	.....	.....	.....	.....
Total for 838 factories	.....	838	865,453,574	81,929,042	7,656,484	45,066	.....	.....	.....	.....

PART III.

VALUES, RENTS AND FARM WAGES.

VALUES OF FARM PROPERTY.

Under the head of land, buildings, implements and live stock the table following gives the value of farm property by county groups for the years 1890 and 1891, the total for the province in these years, and the average for the ten years 1882-91 :

Districts.		Farm land.	Buildings.	Implements.	Live stock.	Total farm property.
		\$	\$	\$	\$	\$
Lake Erie	{ 1891....	88,701,279	25,713,724	6,883,952	13,751,560	135,050,515
	{ 1890....	87,352,875	25,399,366	6,784,793	13,822,445	133,359,479
Lake Huron	{ 1891....	69,431,012	19,499,390	5,454,333	13,548,985	107,933,720
	{ 1890....	69,912,071	19,495,144	5,407,097	12,611,995	107,426,307
Georgian Bay	{ 1891....	48,372,436	14,630,536	4,292,456	9,475,312	76,770,740
	{ 1890....	48,931,045	14,392,172	4,285,087	8,784,252	76,392,556
West Midland	{ 1891....	132,002,537	41,659,134	10,214,748	23,955,865	207,932,284
	{ 1890....	131,682,712	42,095,403	10,164,923	22,666,507	206,609,545
Lake Ontario	{ 1891....	133,593,790	42,166,347	10,195,842	20,799,631	206,755,660
	{ 1890....	135,869,460	44,454,383	10,508,724	20,474,216	211,306,783
St. Lawrence and Ottawa..	{ 1891....	104,043,863	34,443,701	9,744,170	18,837,837	167,069,571
	{ 1890....	103,794,410	34,491,377	9,418,689	18,029,706	165,734,182
East Midland	{ 1891....	38,939,990	11,451,224	3,278,159	6,790,044	60,459,417
	{ 1890....	39,462,646	11,493,877	3,384,004	6,432,464	60,772,991
Northern Districts	{ 1891....	6,160,316	1,704,271	587,782	1,561,792	10,014,161
	{ 1890....	5,880,781	1,617,104	562,266	1,265,041	9,325,192
The Province :						
1891	.....	621,245,223	191,268,327	50,651,442	108,721,076	971,886,068
1890	.....	622,886,000	193,438,826	50,515,583	104,086,626	970,927,035
1882-91	.....	634,087,130	178,557,341	47,933,958	101,741,381	962,319,810

There is a falling off of \$1,640,777 in the value of farm land of the province, and a drop of \$2,170,499 in the value of buildings ; but these decreases are more than met by the rise of \$135,859 in implements, and the addition of \$4,634,450 in the worth of live stock, the result being that the total value of farm property is now \$971,886 068, or \$959,033 more than in 1890. Farm land has been lowered in value in the Lake Huron, Georgian Bay, Lake Ontario and East Midland Districts ; buildings have depreciated in value in the West Midland, Lake Ontario, St. Lawrence and Ottawa and East Midland groups ; implements are worth less than in the previous year in only two districts, the Lake Ontario and East Midland ; while the Lake Erie group alone has experienced a decline in the value of live stock. The only district falling behind its own record in the total value of farm property is the East Midland, where there was a falling off in the worth of every item but live stock.

VALUE PER ACRE OCCUPIED. The value per acre occupied of the classes of farm property named below is shown by county groups and for the province for the years 1890 and 1891 :

Districts.	Farm land.		Buildings		Implements.		Live stock.		Total farm property.	
	1891.	1890.	1891.	1890.	1891.	1890.	1891.	1890.	1891.	1890.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Lake Erie	38 08	37 40	11 04	10 87	2 96	2 90	5 90	5 92	57 98	57 09
Lake Huron.....	30 55	30 73	8 58	8 57	2 40	2 38	5 96	5 54	47 49	47 22
Georgian Bay	23 95	24 31	7 24	7 15	2 13	2 13	4 69	4 37	38 01	37 96
West Midland.....	40 59	40 52	12 81	12 95	3 14	3 13	7 37	6 97	63 91	63 57
Lake Ontario	43 90	44 63	13 85	14 60	3 35	3 45	6 83	6 72	67 93	69 40
St. Lawrence & Ottawa	19 60	19 68	6 49	6 54	1 84	1 79	3 55	3 42	31 48	31 43
East Midland	14 68	14 89	4 32	4 34	1 23	1 28	2 56	2 43	22 79	22 94
Northern Districts	3 72	3 73	1 03	1 02	0 35	0 36	0 94	0 80	6 04	5 91
The Province	27 57	27 79	8 49	8 63	2 25	2 25	4 82	4 64	43 13	43 31

Farm land has decreased in value in the province 22 cents per acre compared with the previous year, and buildings have also declined 14 cents per acre occupied. No change has occurred in the relative value of implements, while live stock has increased 18 cents per acre. The net result is that the total value of these four classes of farm property exhibits a decrease of 18 cents per acre occupied. The heaviest decline in the total value of farm property is observed in the Lake Ontario counties. The St. Lawrence and Ottawa and East Midland groups also reveal a decrease, but the other districts more than hold their own. Farm land shows an increase in two groups only, the Lake Erie and West Midland; the groups are equally divided in the case of buildings, while every district excepting the Lake Erie group shows a gain in value of live stock per acre occupied.

The following table shows a comparison of the improvements on the land on a better basis. Here are indicated the values per acre of buildings, implements and live stock calculated on the cleared portion :

Farm property.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.		
									1891.	1890.	1882-91.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Buildings	18 22	14 41	13 73	18 00	18 28	14 70	13 57	10 33	16 21	16 76	16 14
Implements.....	4 88	4 03	4 03	4 41	4 42	4 16	3 88	3 50	4 29	4 50	4 33
Live stock	9 74	10 01	8 90	10 35	9 02	8 05	8 05	9 47	9 21	9 21	9 20
Total	32 84	28 45	26 66	32 76	31 72	26 91	25 50	23 30	29 71	30 47	29 67

The averages for the province for 1891 do not vary much from the averages derived for ten years, so that property exclusive of the land has kept pace with the area cleared.

MARKET PRICES. The following table is made up from market reports of newspapers published at fourteen market centres, the figures being taken during the period when each of the various articles of farm produce comprising the table is mainly marketed. The average price is also given for a series of years :

Markets.	Fall wheat, per bushel.	Spring wheat, per bushel.	Barley, per bushel.	Oats, per bushel.	Rye, per bushel.	Peas, per bushel.	Corn (in ear), per bushel.	Buckwheat, per bushel.	Beans, per bushel.	Potatoes, per bushel.	Carrots, per bushel.	Turnips, per bushel.	Hay, per ton.	Wool, per lb.
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	\$ c.	cts.
Belleville.....	98.4	98.4	49.3	36.8	80.8	64.5	....	49.8	....	29.8	....	....	9 63	22.8
Brantford.....	92.2	91.0	47.5	33.5	76.5	62.6	29.8	45.0	....	31.1	....	....	10 68	19.2
Brockville.....	104.5	104.5	63.6	36.6	52.1	60.3	....	43.3	....	29.6	36.4	25.4	11 54	19.0
Chatham.....	91.1	90.8	39.8	30.5	....	55.8	23.1	....	95.2	39.0	....	....	9 71	21.0
Cobourg.....	91.3	90.5	45.1	28.1	79.8	60.7	....	47.0	....	27.2	....	....	14 50	....
Guelph.....	93.1	88.8	46.7	35.6	66.5	63.9	....	....	....	30.3	....	....	11 50	19.2
Kingston.....	94.9	94.2	46.1	34.3	76.6	65.0	35.0	43.8	....	28.3	....	....	9 30	16.8
Lindsay.....	94.2	90.1	42.6	32.8	67.8	59.7	....	45.0	....	26.1	....	....	8 83	19.0
London.....	93.1	93.0	49.0	35.3	66.9	63.5	31.2	43.4	108.4	29.6	28.3	20.3	10 59	19.0
Ottawa.....	98.0	98.2	54.6	38.2	66.3	64.4	35.5	45.1	105.8	26.9	21.7	25.5	9 87	18.4
Peterborough....	94.4	91.2	47.2	33.6	....	61.7	....	....	....	42.5	....	....	....	....
St. Thomas.....	92.0	....	51.7	37.3	....	59.8	....	....	....	32.1	....	....	9 80	19.4
Stratford.....	92.0	92.0	44.9	33.4	....	61.7	....	....	....	29.1	....	....	10 86	20.1
Toronto.....	96.6	91.9	49.5	38.9	82.4	66.1	....	....	....	36.7	29.4	21.2	13 76	21.7
The Province..														
1891.....	95.1	92.9	49.1	36.5	72.3	63.8	31.1	44.1	106.1	32.6	28.9	21.2	11 91	19.4
1890.....	94.2	91.3	50.2	41.1	52.7	60.3	30.5	43.0	128.5	44.3	31.5	25.6	7 95	20.5
1889.....	88.4	88.1	44.0	30.5	50.9	55.7	25.9	39.5	126.7	45.5	27.3	22.8	9 98	20.7
1888.....	102.4	99.3	60.1	40.5	60.2	65.4	29.3	49.3	113.7	31.7	26.8	20.8	16 71	20.4
1887.....	78.4	78.0	56.7	34.6	49.5	55.9	28.7	45.0	97.9	62.8	28.0	29.5	11 62	22.1
1886.....	73.6	72.5	51.3	32.0	52.2	52.6	27.6	33.7	83.7	44.9	29.5	24.6	9 69	19.1
1885.....	81.5	80.6	55.2	31.5	55.2	58.0	27.9	39.2	80.0	41.1	32.5	23.6	9 85	17.4
1884.....	80.5	81.4	53.6	33.1	59.7	64.4	....	....	....	....	....	....	....	....
1883.....	105.0	107.0	57.0	38.0	62.0	71.0	....	....	....	....	....	....	....	....
1882.....	101.0	106.0	65.0	43.0	64.0	74.0	....	....	....	....	....	....	....	....
1885-91....	87.2	85.8	52.4	35.3	56.1	59.0	29.1	41.8	106.8	41.1	26.8	21.2	10 59	19.8
1882-91....	90.0	89.6	54.5	36.0	60.0	61.6	....	....	....	....	....	....	....	....

Fall wheat, spring wheat, rye, peas, corn, buckwheat and hay and clover each average higher figures for the province than in the previous year or for the series of years, the other seven items of the table falling below their respective market values in 1890, although both oats and carrots more than equal their own averages for the periods recorded. Fall and spring wheats are much higher than their averages for the years 1882-91, although both of these crops were surpassed in price in three years out of the ten. On the other hand, barley is lower in value than in any year excepting 1889, when the quality was rated as very poor on account of the great discoloration. Hay and clover have not realised such prices since 1888, when the figures mounted to \$16.71.

VALUE OF CROPS. The following table gives the value of each crop, based upon market prices, for each of the five years 1887-91, together with the averages for the seven years 1885-91 and the ten years 1882-91. No record was kept of the

bracketed items prior to 1885, and so their averages for the seven years are added to those of the other items for 1882-91, in order to give the nearest approximate average for the long term :

Crops.	1891.	1890.	1889.	1888.	1887.	Average. 1885-91.	Average 1882-91.
	\$	\$	\$	\$	\$	\$	\$
Fall wheat	20,800,736	13,439,875	11,493,648	14,162,726	11,321,439	14,574,798	16,250,884
Spring wheat . . .	9,951,619	7,015,405	5,019,680	6,408,384	4,393,831	6,721,136	7,959,306
Barley	7,925,675	7,831,285	10,290,011	14,043,308	9,715,448	9,848,867	10,547,091
Oats	27,378,483	21,687,734	19,625,622	26,514,099	17,247,443	21,231,964	21,017,492
Rye	820,337	823,883	728,725	779,772	442,969	696,447	* 1,010,057
Peas	11,690,367	9,279,756	7,524,645	9,332,490	6,804,892	8,742,106	8,573,501
Corn	5,687,773	4,273,410	2,395,283	5,108,976	2,412,164	3,693,817	55,387,429
Buckwheat	1,150,191	883,100	502,698	602,585	461,409	680,815	
Beans	816,546	978,323	471,188	607,756	270,180	563,534	
Hay	28,498,224	34,232,024	37,208,564	33,570,674	35,947,748	32,929,592	55,387,429
Potatoes	7,842,219	7,779,575	6,531,766	7,060,733	6,705,784	7,396,869	
Carrots	476,752	1,326,321	936,925	1,044,820	589,592	932,768	
Turnips	6,885,345	12,042,384	8,440,847	9,909,169	9,266,970	9,690,034	
Totals	129,923,667	121,593,075	111,169,572	129,145,492	105,579,869	117,702,747	121,245,760

Price, acreage and yield combine to make the figures for the above table. The aggregate value of these thirteen staple crops is \$129,923,667, being \$8,330,592 more than in the previous year, and exceeding by \$778,175 the unusually high showing of 1888. Rye, beans, hay, carrots and turnips each show a falling off, the drop in the value of hay being particularly heavy. Fall wheat, on the contrary, made a tremendous leap upward in total value, and spring wheat, oats and peas also experienced a marked rise. For the values of carrots and turnips we have not this year followed the market quotations, as these evidently refer to garden produce. It is believed that the estimates of 10 cents per bushel for turnips and 12½ cents for carrots are nearer the mark.

CROP VALUES BY COUNTY GROUPS. The total value of the field crops named in the preceding table is here presented by county groups and for the province for each of the five years 1887-91, together with the average for the two series of years 1885-91 and 1882-91 :

Districts.	1891.	1890.	1889.	1888.	1887.	Average 1885-91.	Average 1882-91.
	\$	\$	\$	\$	\$	\$	\$
Lake Erie	17,046,233	14,791,696	12,926,470	17,889,286	12,080,651	14,744,989	14,806,892
Lake Huron	14,242,846	13,634,099	11,009,721	14,303,010	11,936,938	12,794,711	13,076,459
Georgian Bay . . .	11,511,751	11,465,081	10,391,701	10,969,814	9,447,927	10,437,119	10,896,155
West Midland . . .	28,682,499	27,655,714	22,006,961	29,217,226	22,805,391	25,534,923	26,171,684
Lake Ontario . . .	27,163,650	25,675,054	25,342,044	27,908,395	22,386,070	25,506,235	26,501,156
St. L'w. & Ottawa .	21,811,942	18,660,552	19,928,380	20,171,732	18,975,474	19,735,629	20,411,430
East Midland . . .	7,814,352	7,847,766	8,089,324	7,213,525	6,459,491	7,477,456	7,886,781
North'n Districts	1,650,394	1,863,113	1,474,971	1,472,504	1,487,927	1,471,685	1,495,203
The Province.	129,923,667	121,593,075	111,169,572	129,145,492	105,579,869	117,702,747	121,245,760

The East Midland counties and the Northern Districts are the only groups falling below their record of the previous year, and the first named group is the only one that has not reached its own average for the ten years. The West Midland group again leads in the total value of field crops, the Lake Ontario counties pressing closely for second place, although still showing the highest average for the period 1882-91.

VALUE OF PRODUCE PER ACRE UNDER CROP. The table following shows the value per acre raised of each of the staple field crops by county groups and for the province, for 1890 and 1891, together with the averages for 1885-91 and 1882-91. The average value of all crops is also given for the same periods :

Crops.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.			
									1891.	1890.	1885-91.	1882-91.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Fall wheat	24 43	25 47	23 64	26 76	22 22	16 70	17 79	22 11	24 47	18 66	17 36	18 00
Spring wheat . . .	15 36	19 28	18 24	20 45	19 30	21 92	17 26	18 67	19 49	11 66	12 58	14 12
Barley	12 46	14 26	14 48	15 18	14 12	14 77	13 92	12 34	14 33	11 17	13 45	14 19
Oats	13 92	14 74	13 89	16 09	15 44	14 97	13 21	11 12	14 87	11 52	12 04	12 64
Rye	12 59	13 60	13 41	13 94	10 74	13 14	11 28	14 14	12 09	7 99	8 71	9 75
Peas	12 68	16 86	16 08	16 53	14 87	15 87	15 02	15 60	15 54	11 88	12 20	12 82
Corn	23 68	23 82	17 09	25 34	22 55	24 17	20 73	14 77	23 59	19 09	18 97	
Buckwheat	11 13	11 27	8 36	10 06	10 41	11 25	9 62	10 89	10 66	9 80	9 37	
Beans	18 89	21 85	23 44	20 96	21 75	24 12	19 58	21 63	19 70	24 80	20 61	
Hay	11 91	10 55	11 33	13 61	11 50	10 39	8 05	7 72	11 18	13 90	13 94	19 09
Potatoes	38 77	51 38	50 68	51 50	44 98	52 51	46 60	57 86	48 95	49 21	48 93	
Carrots	45 82	48 65	47 66	58 04	46 86	45 38	43 51	40 32	48 36	110 74	90 66	
Turnips	44 37	54 77	56 55	60 39	53 26	47 46	45 80	36 46	54 61	108 44	88 32	
All crops :												
1891	17 25	16 93	16 55	19 17	16 66	14 93	13 71	12 93	16 63	.....	.....	.....
1890	14 86	16 07	16 49	18 07	15 44	12 68	13 84	16 21	.....	15 42	.....	.....
1885-91	15 48	15 92	15 37	17 28	15 67	13 92	13 35	15 32	.....	.....	15 46	.....
1882-91	15 76	16 43	16 11	17 90	16 36	14 35	13 99	15 85	.....	.....	.....	16 01

The average value per acre of all crops for the province is \$16.63, which is an increase of \$1.21 over the figures of the preceding year, and 62 cents more than the average for the ten years. The East Midland counties and the Northern Districts are the only groups which fail to reach their total values of the previous year. The West Midland counties show the best return per acre for all groups, and the Northern Districts the poorest. Fall wheat averages \$24.47 per acre for the province, compared with \$18.66 in the preceding year, and an average of \$18 for the years 1882-91. All the other cereals make a good showing compared with 1890, and the two series of years. Beans, hay, potatoes, carrots and turnips, however, are below their respective figures of 1890, although potatoes slightly exceed their average for the seven years 1885-91. The best values for the various crops are found in the following groups: Fall wheat \$26.76, barley \$15.18, oats \$16.09, corn \$25.34, carrots \$58.04, turnips \$60.39, in the West Midland; peas \$16.86, buckwheat \$11.27, in the Lake Huron; spring wheat \$21.92, beans \$24.12, in the St. Lawrence and Ottawa; hay \$11.91 in the Lake Erie; rye \$14.14 and potatoes \$57.86 in the Northern Districts.

PER CENT. RATIOS OF VALUES PER ACRE. The table following, by means of per cent. ratios, compares the values per acre of the various crops with their respective averages for the ten years 1882-91, by county groups and for the province :

Districts.	Fall wheat.	Spring wheat.	Barley.	Oats.	Rye.	Peas.	Corn.	Buckwheat.	Beans.	Hay.	Potatoes.	Carrots.	Turnips.	All field crops.
Lake Erie.....	142	120	93	108	138	112	120	127	94	80	103	58	59	109
Lake Huron.....	142	153	98	115	129	123	126	137	106	74	106	53	61	103
Georgian Bay.....	126	136	104	116	125	119	110	113	110	86	90	50	64	103
West Midland.....	145	150	98	117	142	123	132	125	100	85	107	60	66	107
Lake Ontario.....	122	131	99	117	121	119	129	110	102	84	99	47	58	102
St. Lawrence and Ottawa.....	100	147	111	127	121	128	129	115	101	77	101	59	63	104
East Midland.....	101	129	106	117	121	125	130	105	96	70	90	49	60	98
Northern Districts.....	121	111	97	100	122	109	119	106	96	64	89	62	54	81
The Province.....	136	138	101	118	124	121	124	112	96	80	100	53	62	104

“Lake Erie, fall wheat, 142” means that the crop was 42 per cent. above the average ; and “Lake Erie, beans, 94,” means that the crop was 6 per cent. below the average for the ten years 1882-91. The per cent. ratio of value of all crops per acre is 104 for the province, although the East Midland group and the Northern Districts do not reach 100.

RENTALS OF LEASED FARMS. The appended table presents by districts the average value and rental of such leased farms as were reported on farmers' schedules returned to this Bureau in 1891. The rental per acre is given on the bases of land occupied and land cleared for 1890 and 1891 and the average for the six years, 1886-91 ; also, the per cent. ratio that the rental bears to the value of land and buildings on the farm :

Leased farms.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Average value :	\$	\$	\$	\$	\$	\$	\$	\$	\$
Land	4,782	4,439	3,824	5,707	5,525	4,206	3,900	1,258	4,771
Buildings	1,542	1,278	1,226	1,760	1,722	1,450	1,371	461	1,507
Average rental	258	247	217	314	316	199	240	86	264
Rent per acre based on									
Acres occupied	1891 2.28	1.97	1.56	2.36	2.56	1.27	1.46	0.41	1.95
	1890 2.11	1.88	1.59	2.23	2.57	1.36	1.51	0.41	1.98
	1886-91..... 2.13	1.92	1.56	2.30	2.68	1.34	1.56	0.44	2.01
Acres cleared	1891 2.96	2.55	2.20	2.95	3.10	2.00	2.33	1.69	2.70
	1890 2.89	2.44	2.16	2.90	3.18	2.09	2.45	1.70	2.72
	1886-91..... 2.93	2.62	2.22	2.99	3.27	2.16	2.51	1.74	2.81
Per cent. ratio of rental to value of farm	1891 4.08	4.32	4.29	4.21	4.36	3.52	4.55	5.00	4.20
	1886-91..... 4.00	4.14	4.25	4.15	4.41	3.81	4.44	4.82	4.19

These figures are compiled from returns of 1,399 leaseholders. The size of the leased farm is larger than the average of previous years. The rent per acre is lower than the average of six years and the value of land and buildings shows almost the ratio to the rental as the average for the same period.

FARM LABOR AND WAGES.

The following paragraph was contained in the May bulletin: "There appears to be a sufficient number of farm laborers in most quarters, although some correspondents in Bruce, Grey, Wellington, Oxford and Lennox speak of a scarcity in their immediate neighborhoods. First-class men, however, more especially good plowmen, are not readily found. While a few reports speak in favorable terms of the lads sent out by the various 'Homes,' some of our correspondents allude to 'immigrant trash' and 'time-killing farm pupils.' It would seem that 'going west,' sailing or lumbering are more popular with the native youth of our townships than hiring out on the farm."

The August bulletin had the following: "There has been a sufficiency of labor during harvesting, chiefly because farmers are endeavoring to do as much work as possible within their own families. Occasional reports only were made of a scarcity of laborers. There has been no appreciable change in the rate of wages during the summer, but prices vary greatly according to locality and the rates of wages paid laborers in other branches of work."

The November reports were thus summarised: "The supply of skilled farm hands during the year has been, in most instances, about equal to the demand, with a tendency perhaps towards scarcity. While the demand, for various reasons, tends to decrease from year to year, the indications are that the supply is decreasing even more rapidly. The reason for this scarcity appears to be that numbers of young men are continually going west and south or drifting away from the farm altogether. While this state of things would seem to indicate an increase in wages, it is doubtful whether farmers will be able to pay much more for their help than they are doing. There is also a growing tendency towards greater economy of labor in every direction, and it is probable that the rate of wages will remain about the same for the present. Domestic servants are as scarce as ever."

WAGES OF FARM LABORERS. The table following gives the average rates of wages of farm laborers by the year and by the month, with and without board, by county groups and for the province, for the years 1890 and 1891, together with the averages for the ten years, 1882-91; also the amounts paid domestic servants in 1890 and 1891:

Districts.	Farm laborers.													Domestics per month with board.			
	Per year.						Per month in working season.										
	With board.			Without board.			With board.			Without board.							
	1891	1890	82-91	1891	1890	82-91	1891	1890	82-91	1891	1890	82-91	1891					1890
	\$	\$	\$	\$	\$	\$	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.		
Lake Erie.....	158	154	159	253	247	249	16 66	16 65	17 34	25 29	25 94	26 23	6 39	6 40			
Lake Huron	159	155	162	260	256	258	17 13	16 72	17 88	26 28	27 04	27 36	6 30	6 18			
Georgian Bay....	153	156	159	262	257	256	17 34	16 73	17 79	26 86	26 23	27 34	5 97	5 77			
West Midland....	157	157	161	250	251	251	16 43	16 54	17 45	25 40	26 24	26 58	6 46	6 36			
Lake Ontario....	162	159	163	262	254	254	16 76	16 87	17 49	25 90	26 34	26 61	6 50	6 42			
St. Law. & Ottawa	154	159	161	254	253	252	15 99	17 17	17 88	25 20	26 86	26 79	5 76	6 00			
East Midland....	166	160	165	258	258	257	15 82	16 77	17 64	25 78	25 68	26 89	5 90	5 93			
Northern Districts	169	174	173	273	280	276	18 19	19 74	19 58	27 12	29 59	29 39	6 13	6 40			
The Province	158	157	162	257	253	253	16 66	16 88	17 62	25 81	26 56	26 91	6 25	6 23			

For the province the yearly rate of wages, with board, was \$158, being \$1 more than in 1890, but \$4 less than the average of the ten years, 1882-91. The average rate, without board, for the province was \$257, being an increase of \$4 over the amount paid in the previous year (which was the same as the average for the ten years). The highest yearly wages for agricultural laborers prevailed in the Northern Districts and the East Midland group. For the province monthly wages, with board, averaged \$16.66, being a lowering of 22 cents compared with the previous year, and 92 cents below the average of the ten years period. The rate of wages, without board, dropped from \$26.56 in the previous year to \$25.81, which is \$1.10 lower than the average for the ten years. For this class of workers the highest rates obtained in the Northern Districts and the Georgian Bay counties. The average amount per month given to domestic servants on the farm was \$6.25, being an advance of 2 cents on the figures shown for 1890. In four out of the eight groups, however, a decrease is noted in the average rate of wages paid to this class.

In some cases the wages of experienced married men are supplemented as indicated by the following quotation from a correspondent in the County of Brant :

" My hired men by the year get \$220 in cash, with cow and feed the same as my own, fuel, garden ground for potatoes and team to work the same and good, comfortable four and five-roomed house. Summed up this amounts to one dollar a day, working days.

STATISTICS OF

VALUES, RENT AND FARM WAGES

FARM VALUES—LAND, BUILDINGS AND IMPLEMENTS.

TABLE I. Showing by County Municipalities and groups of Counties the values of Farm Land, Buildings and Implements in Ontario in 1890 and 1891.

Counties.	Farm lands.		Farm buildings.		Farm implements.	
	1891.	1890.	1891.	1890.	1891.	1890.
	\$	\$	\$	\$	\$	\$
Essex	16,954,141	16,585,081	4,407,901	4,226,122	1,197,532	1,234,940
Kent	23,908,174	23,777,291	5,910,490	5,503,006	1,588,136	1,555,151
Elgin	17,367,543	17,489,547	4,804,818	5,005,478	1,274,912	1,207,841
Norfolk	12,284,429	11,713,740	4,054,815	4,110,525	1,085,988	1,048,016
Haldimand	9,583,865	9,358,969	3,532,124	3,451,788	1,010,671	950,757
Welland	8,603,126	8,428,307	3,003,576	3,102,447	726,623	788,088
Totals	88,701,279	87,352,875	25,713,724	25,399,366	6,883,952	6,784,793
Lambton	19,684,305	20,022,595	4,776,311	4,962,205	1,464,439	1,377,776
Huron	29,524,668	29,513,722	8,503,549	8,617,158	2,208,964	2,354,921
Bruce	20,222,039	20,375,754	6,219,530	5,915,781	1,780,930	1,674,400
Totals	69,431,012	69,912,071	19,499,390	19,495,144	5,454,333	5,407,097
Grey	22,669,806	22,262,173	7,292,716	7,041,914	2,227,473	2,126,990
Simcoe	25,702,630	26,668,872	7,337,820	7,350,258	2,064,983	2,158,097
Totals	48,372,436	48,931,045	14,630,536	14,392,172	4,292,456	4,285,087
Middlesex	33,509,147	34,925,968	9,689,282	10,231,305	2,303,340	2,505,058
Oxford	22,367,553	22,356,395	7,217,958	7,334,038	1,729,353	1,577,461
Brant	10,418,317	10,253,987	3,721,721	3,837,386	861,183	813,005
Perth	20,965,735	20,184,159	6,475,137	6,513,584	1,710,217	1,711,863
Wellington	21,094,527	21,120,421	7,161,625	6,859,654	1,718,924	1,679,613
Waterloo	14,433,910	13,696,727	4,948,466	4,846,400	1,158,520	1,150,671
Dufferin	9,213,348	9,145,055	2,444,945	2,473,042	733,211	727,252
Totals	132,002,537	131,682,712	41,659,134	42,095,403	10,214,748	10,164,923
Lincoln	9,418,870	8,938,290	3,602,775	3,453,792	815,109	741,425
Wentworth	13,456,318	13,625,007	4,674,982	4,695,485	1,110,255	1,104,829
Halton	10,187,179	9,980,717	3,420,117	3,445,730	790,572	783,141
Peel	13,521,360	13,878,876	4,094,271	4,549,242	1,081,053	1,041,939
York	31,096,807	31,930,300	8,388,005	9,111,861	1,927,807	2,019,768
Ontario	19,251,022	19,404,819	5,824,528	6,223,752	1,456,725	1,533,199
Durham	14,304,217	15,043,081	4,381,328	4,854,750	1,094,182	1,095,288
Northumberland	14,090,305	14,334,306	4,749,325	5,149,288	1,156,755	1,346,999
Prince Edward	8,317,712	8,725,064	3,031,016	2,970,483	763,384	842,136
Totals	133,593,790	135,869,460	42,166,347	44,454,383	10,195,842	10,508,724
Lennox and Addington	8,415,192	9,455,784	3,300,385	2,998,745	759,087	777,704
Frontenac	8,496,832	8,486,769	2,878,080	3,018,113	860,393	751,002
Leeds and Grenville	18,891,530	18,665,738	6,482,460	7,026,849	1,637,614	1,691,578
Dundas	8,546,501	7,783,443	2,587,442	2,649,191	756,900	690,360
Stormont	6,496,712	5,820,418	2,372,064	2,133,567	583,694	567,921
Glengarry	6,864,460	7,109,229	2,496,503	2,551,557	765,738	760,977
Prescott	6,494,605	7,074,698	2,228,556	1,969,640	630,323	591,081
Russell	4,380,554	4,298,201	1,223,292	1,165,330	396,449	448,044
Carleton	19,244,547	18,178,141	4,683,507	5,030,330	1,447,062	1,304,908
Renfrew	7,556,878	7,316,604	2,955,933	2,464,751	956,988	967,811
Lanark	8,656,303	9,705,385	3,235,479	3,483,304	949,922	927,273
Totals	104,043,863	103,794,410	34,443,701	34,491,377	9,744,170	9,418,689
Victoria	12,143,774	12,077,621	3,272,778	3,269,940	951,221	1,026,237
Peterborough	10,041,203	10,638,607	3,164,673	3,027,443	847,351	797,050
Haliburton	1,688,740	992,536	303,233	269,547	96,700	81,341
Hastings	15,666,273	15,753,832	4,710,540	4,926,947	1,382,887	1,479,376
Totals	38,939,990	39,462,646	11,451,224	11,493,777	3,278,159	3,384,004
Muskoka	1,912,181	2,119,171	639,047	623,276	211,759	195,439
Perry Sound	1,710,646	1,476,517	460,110	340,409	153,026	133,301
Nipissing	468,111	436,670	123,030	104,050	36,990	27,917
Algoma	2,069,378	1,848,423	482,084	549,369	186,007	205,579
Totals	6,160,316	5,880,781	1,704,271	1,617,104	587,782	562,265
The Province	621,245,223	622,886,000	191,268,327	193,438,826	50,631,442	50,515,583

FARM VALUES—LIVE STOCK AND TOTAL PROPERTY—RENTALS.

TABLE II. Showing by County Municipalities and groups of Counties the values of Farm Live Stock and total Farm Property in Ontario in 1890 and 1891; also the rent per acre of leased farms as reported in 1891, with the averages derived for the six years 1886-91.

Counties.	Farm live stock.		Total farm property.		Rent per acre on land.			
	1891.	1890.	1891.	1890.	Occupied.		Cleared.	
					1891.	'86-91.	1891.	'86-91.
	\$	\$	\$	\$	\$ c.	\$ c.	\$ c.	\$ c.
Essex	2,463,617	2,522,114	25,023,191	24,568,257	2 69	2 00	3 60	2 78
Kent	3,430,057	3,492,894	34,836,857	34,328,342	2 65	2 58	3 79	3 65
Elgin	2,794,325	2,856,740	26,241,598	26,559,606	2 38	2 22	3 21	3 08
Norfolk	1,954,512	1,791,306	19,379,744	18,663,587	1 97	1 94	2 56	2 53
Haldimand	1,761,978	1,763,491	15,888,729	15,524,945	1 99	1 85	2 39	2 37
Welland	1,347,071	1,395,900	13,680,396	13,714,742	2 02	2 01	2 27	2 50
Totals	13,751,560	13,822,445	135,050,515	133,359,479	2 28	2 13	2 96	2 93
Lambton	3,200,778	3,127,010	29,125,833	29,489,586	2 04	1 88	2 78	2 82
Huron	6,039,054	5,572,443	46,276,235	46,058,244	2 16	2 13	2 73	2 76
Bruce	4,309,153	3,912,512	32,531,652	31,878,477	1 70	1 71	2 20	2 34
Totals	13,548,985	12,611,995	107,933,720	107,426,307	1 97	1 92	2 55	2 62
Grey	5,189,055	4,796,716	37,379,050	36,227,793	1 31	1 30	1 87	1 91
Simcoe	4,286,257	3,987,536	39,391,690	40,164,763	1 85	1 88	2 53	2 68
Totals	9,475,312	8,784,252	76,770,740	76,392,556	1 56	1 56	2 20	2 22
Middlesex	6,303,952	6,015,884	51,805,721	53,678,215	2 46	2 54	3 09	3 34
Oxford	3,916,109	3,802,970	35,230,975	35,070,864	2 71	2 70	3 47	3 51
Brant	1,570,649	1,579,562	16,571,870	16,483,934	2 89	2 77	3 39	3 37
Perth	3,996,570	3,744,405	34,147,659	32,151,011	2 23	2 32	2 87	2 94
Wellington	4,248,985	3,896,118	34,224,061	33,555,806	2 12	2 00	2 64	2 57
Waterloo	2,263,608	2,085,930	22,804,504	21,779,728	2 10	2 24	2 62	2 83
Dufferin	1,655,992	1,541,638	14,047,496	13,886,987	1 56	1 49	2 02	2 20
Totals	23,955,865	22,666,507	207,832,284	206,609,545	2 36	2 30	2 95	2 99
Lincoln	1,402,369	1,291,989	15,239,123	14,425,496	2 45	2 36	3 08	2 83
Wentworth	2,095,226	2,066,779	21,336,781	21,492,100	2 97	2 70	3 76	3 41
Halton	1,492,331	1,574,947	15,840,199	15,793,535	2 38	2 32	2 83	2 94
Peel	2,144,128	1,952,499	20,840,812	21,422,556	2 61	2 71	3 24	3 29
York	3,931,303	4,251,109	45,343,922	47,313,038	3 26	3 12	3 88	3 78
Ontario	3,575,304	3,446,651	30,107,579	30,638,421	2 67	2 80	3 24	3 46
Durham	2,268,398	2,222,885	22,048,125	23,216,004	2 33	2 84	2 81	3 41
Northumberland	2,487,156	2,302,157	22,483,541	23,132,750	1 82	2 07	2 25	2 55
Prince Edward	1,403,466	1,365,200	13,515,578	13,902,833	1 96	2 16	2 26	2 70
Totals	20,799,681	20,474,216	206,755,660	211,306,783	2 56	2 68	3 10	3 27
Lennox and Addington	1,633,498	1,415,328	14,108,162	14,647,561	1 36	1 57	2 05	2 32
Frontenac	1,583,605	1,556,158	13,818,910	13,812,042	1 09	1 24	1 62	1 93
Leeds and Grenville	3,362,963	3,274,861	30,374,567	30,559,026	1 38	1 39	2 02	2 17
Dundas	1,272,917	1,170,348	13,163,509	12,293,342	1 46	1 69	2 03	2 56
Stromont	1,143,149	1,069,731	10,595,619	9,591,637	1 70	1 50	2 39	2 24
Glengarry	1,311,306	1,313,884	11,438,007	11,735,647	1 53	1 41	2 51	2 34
Prescott	1,112,521	1,089,364	10,466,005	10,724,733	1 72	1 58	2 41	2 26
Russell	820,016	771,052	6,820,311	6,682,627	1 13	1 27	1 91	2 20
Carleton	2,396,921	2,460,954	27,772,037	26,974,363	1 67	1 80	2 17	2 57
Renfrew	2,197,568	2,108,768	13,667,367	12,791,934	0 68	0 76	1 16	1 66
Lanark	2,003,373	1,799,258	14,845,077	15,915,220	0 88	0 83	1 54	1 39
Totals	18,837,837	18,029,706	167,069,571	165,734,182	1 27	1 34	2 00	2 15
Victoria	2,064,985	1,924,849	18,432,758	18,298,647	1 57	1 86	2 37	2 77
Peterborough	1,734,941	1,561,176	15,788,168	16,024,326	1 06	1 25	1 74	2 05
Haliburton	288,167	243,032	1,776,840	1,586,456	0 44	0 34	1 87	1 50
Hastings	2,701,951	2,703,407	24,461,651	24,863,562	1 90	1 81	2 69	2 69
Totals	6,790,044	6,432,464	60,459,417	60,772,991	1 46	1 56	2 33	2 51
Muskoka	518,378	457,215	3,281,365	3,395,101	0 30	0 33	1 56	1 64
Parry Sound	433,192	323,189	2,756,974	2,273,416	0 43	0 46	1 56	1 80
Nipissing	106,110	77,892	734,241	646,559	0 25	0 40	1 98	2 07
Algoma	504,112	406,745	3,241,581	3,010,116	0 53	0 60	1 56	1 69
Totals	1,561,792	1,267,041	10,014,161	9,325,192	0 41	0 44	1 69	1 74
The Province	108,721,076	104,086,626	971,886,068	970,927,035	1 95	2 01	2 70	2 81

FARM VALUES—AVERAGE PER ACRE.

TABLE III. Showing by County Municipalities and groups of Counties the average value per acre occupied of Farm Land, Buildings, Implements and Live Stock in Ontario for the years 1890 and 1891.

Counties.	Lands.		Buildings.		Implements.		Live stock.		Total property.	
	1891.	1890.	1891.	1890.	1891.	1890.	1891.	1890.	1891.	1890.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	39 78	38 56	10 34	9 82	2 81	2 87	5 78	5 86	58 71	57 11
Kent	42 14	42 19	10 42	9 76	2 80	2 76	6 04	6 20	61 40	60 91
Elgin	39 81	39 97	11 01	11 44	2 92	2 76	6 40	6 53	60 14	60 70
Norfolk	31 34	29 49	10 34	10 35	2 77	2 64	4 98	4 51	49 43	46 99
Haldimand	34 23	33 40	12 61	12 32	3 61	3 39	6 29	6 30	56 74	55 41
Welland	37 84	37 11	13 21	13 66	3 90	3 47	5 92	6 14	60 17	60 38
Group	38 08	37 40	11 04	10 87	2 96	2 90	5 90	5 92	57 98	57 09
Lambton	29 78	30 35	7 23	7 52	2 21	2 09	4 84	4 74	44 06	44 70
Huron	37 13	36 94	10 69	10 79	2 78	2 95	7 59	6 97	58 19	57 65
Bruce	24 76	25 05	7 62	7 27	2 18	2 06	5 23	4 81	39 84	39 19
Group	30 55	30 73	8 58	8 57	2 40	2 38	5 96	5 54	47 49	47 22
Grey	21 42	21 02	6 89	6 65	2 11	2 01	4 90	4 53	35 32	34 21
Simcoe	26 73	27 97	7 63	7 71	2 15	2 26	4 46	4 18	40 97	42 12
Group	23 95	24 31	7 24	7 15	2 13	2 13	4 69	4 37	38 01	37 96
Middlesex	44 19	46 15	12 78	13 52	3 04	3 31	8 31	7 95	68 32	70 93
Oxford	47 39	47 41	15 29	15 55	3 67	3 35	8 30	8 06	74 65	74 37
Brant	48 16	47 46	17 21	17 76	3 98	3 77	7 26	7 31	76 61	76 30
Perth	40 66	38 98	12 56	12 58	3 31	3 30	7 75	7 23	64 28	62 09
Wellington	33 65	33 66	11 42	10 93	2 74	2 68	6 78	6 21	54 59	53 48
Waterloo	47 02	44 75	16 12	15 84	3 77	3 76	7 38	6 82	74 29	71 17
Dufferin	25 90	25 79	6 87	6 98	2 06	2 05	4 65	4 35	39 48	39 17
Group	40 59	40 52	12 81	12 95	3 14	3 13	7 37	6 97	63 91	63 57
Lincoln	49 37	46 66	18 88	18 03	4 27	3 87	7 35	6 74	79 87	75 30
Wentworth	49 25	49 83	17 11	17 17	4 06	4 04	6 67	7 56	78 09	78 60
Halton	45 30	44 65	15 28	15 40	3 53	3 50	6 67	7 04	70 78	70 59
Peel	46 96	48 16	14 22	15 78	3 76	3 62	7 45	6 77	72 39	74 33
York	58 27	59 73	15 72	17 04	3 61	3 78	7 37	7 95	84 97	88 50
Ontario	38 37	38 91	11 61	12 48	2 90	3 07	7 13	6 91	60 01	61 37
Durham	38 85	40 80	11 90	13 16	2 97	2 97	6 16	6 03	59 88	62 96
Northumberland	32 47	33 04	10 94	11 87	2 66	3 10	5 73	5 31	51 80	53 32
Prince Edward	36 12	37 67	13 16	12 82	3 32	3 64	6 10	5 89	58 70	60 02
Group	43 90	44 63	13 85	14 60	3 35	3 45	6 83	6 72	67 93	69 40
Lennox and Addington	19 97	22 79	7 83	7 23	1 80	1 88	3 88	3 41	33 48	35 31
Frontenac	12 60	12 51	4 27	4 45	1 28	1 11	2 35	2 29	20 50	20 36
Leeds and Grenville	25 25	25 07	8 67	9 49	2 19	2 28	4 49	4 42	40 60	41 26
Dundas	36 15	32 83	10 94	11 18	3 20	2 91	5 38	4 94	55 67	51 86
Stormont	25 61	23 14	9 35	8 48	2 30	2 26	4 51	4 25	41 77	38 13
Glengarry	23 76	24 74	8 64	8 88	2 65	2 65	4 54	4 57	39 59	40 84
Prescott	22 77	24 78	7 82	6 90	2 21	2 07	3 90	3 81	36 70	37 56
Russell	17 32	17 02	4 84	4 61	1 57	1 78	3 24	3 05	26 97	26 46
Carleton	34 25	32 36	8 34	8 95	2 57	2 32	4 27	4 38	49 43	48 01
Renfrew	8 26	8 18	3 23	2 76	1 04	1 01	2 40	2 36	14 93	14 31
Lanark	12 91	14 50	4 83	5 20	1 42	1 39	2 99	2 69	22 15	23 78
Group	19 60	19 68	6 49	6 54	1 84	1 79	3 55	3 42	31 48	31 43
Victoria	21 25	21 16	5 73	5 73	1 66	1 80	3 61	3 37	32 25	32 06
Peterborough	18 71	19 66	5 89	5 60	1 58	1 47	3 23	2 89	29 41	29 62
Haliburton	1 93	1 77	0 54	0 48	0 17	0 14	0 51	0 43	3 15	2 82
Hastings	15 97	16 15	4 80	5 05	1 41	1 52	2 76	2 77	24 94	25 49
Group	14 68	14 89	4 32	4 34	1 23	1 28	2 56	2 43	22 79	22 94
Muskoka	3 72	4 11	1 24	1 21	0 41	0 38	1 01	0 89	6 38	6 59
Parry Sound	3 36	3 24	0 90	0 75	0 30	0 29	0 85	0 71	5 41	4 99
Nipissing	2 68	3 05	0 70	0 73	0 21	0 19	0 61	0 54	4 20	4 51
Algoma	4 49	4 22	1 05	1 25	0 40	0 47	1 09	0 93	7 03	6 87
Group	3 72	3 73	1 03	1 02	0 35	0 36	0 94	0 80	6 04	5 91
The Province	27 57	27 79	8 49	8 63	2 25	2 25	4 82	4 64	43 13	43 31

MARKET PRICES.

TABLE NO. IV. Showing the average price of Agricultural Products at the leading markets of Ontario for July—December, 1891, and the average for the half year and for the Province.

Products.	Belleville.	Brantford.	Brockville.	Chatham.	Cobourg.	Guelph.	Kingston.	Lindsay.	London.	Ottawa.	Peterborough.	St. Thomas.	Stratford.	Toronto.	The Province.
FALL WHEAT: per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	107.7	92.3	101.9	92.5	.....	101.2	102.5	102.5	97.0	103.1	97.5	97.6	97.3	108.4	102.8
August	107.5	91.0	105.0	90.8	.....	92.5	100.0	100.0	91.9	98.2	95.5	91.2	93.3	94.6	94.7
September ..	95.0	93.8	105.0	92.4	94.5	93.3	93.8	91.9	95.7	97.1	95.0	93.1	95.1	96.4	95.5
October	96.2	91.7	105.0	91.7	90.0	89.0	90.2	89.1	91.4	92.5	91.0	89.3	88.5	93.5	92.3
November ..	.....	93.0	105.0	90.7	90.7	90.5	88.1	92.3	93.3	97.5	95.0	90.3	90.6	94.1	93.4
December	92.0	90.8	105.0	89.8	91.0	90.6	90.6	89.9	89.0	95.8	94.4	88.4	87.6	91.9	91.4
Average....	98.4	92.2	104.5	91.1	91.3	93.1	94.9	94.2	93.1	98.0	94.4	92.0	92.0	96.6	95.1
SPRING WHEAT: per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	107.7	87.5	101.9	87.5	.....	96.2	100.8	95.0	96.8	101.4	93.3	.....	97.3	98.7	98.3
August	107.5	91.3	105.0	.....	.....	90.0	100.1	90.0	92.0	99.3	89.0	.....	93.3	94.6	94.8
September ..	95.0	92.5	105.0	92.5	91.7	88.3	94.4	89.8	95.7	97.1	92.0	.....	95.1	89.5	92.5
October	96.2	91.8	105.0	92.5	89.6	84.0	88.4	87.7	91.1	94.6	88.6	.....	88.5	89.3	90.3
November ..	.....	91.0	105.0	90.5	90.7	86.5	88.1	90.5	93.2	97.5	92.5	.....	91.1	91.6	92.3
December	92.0	90.8	105.0	.....	91.0	86.8	89.4	87.6	88.8	95.8	91.4	.....	87.6	88.9	89.9
Average....	98.4	91.0	104.5	90.8	90.5	88.8	94.2	90.1	93.0	98.2	91.2	.....	92.0	91.9	92.9
BARLEY: per bush	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	57.5	57.5	.....	45.0	.....	49.2	49.8	45.0	60.5	56.7	57.5	50.0	57.0	48.7	52.5
August	57.5	.....	73.8	.....	.....	45.6	52.4	43.8	53.7	52.0	.....	50.0	46.3	52.5	52.6
September ..	45.0	47.2	62.5	42.0	42.5	43.8	42.6	38.8	49.8	56.5	41.3	51.6	41.3	49.4	48.7
October	47.5	45.0	62.5	34.8	44.4	45.3	45.1	40.7	41.9	56.7	43.8	.....	40.0	46.7	45.5
November ..	.....	46.0	60.0	39.8	46.2	47.9	43.1	44.0	43.2	48.3	47.8	.....	41.3	50.6	47.7
December	44.5	47.5	60.0	40.5	48.0	47.8	42.4	43.4	44.4	52.5	48.3	58.2	42.5	50.7	48.4
Average....	49.3	47.5	63.6	39.8	45.1	46.7	46.1	42.6	49.0	54.6	47.2	51.7	44.9	49.5	49.1
OATS: per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	51.5	47.5	52.5	52.5	.....	47.0	48.6	46.0	49.7	52.9	46.7	50.0	45.6	53.2	50.9
August	51.5	37.0	40.0	38.8	.....	36.1	42.5	37.0	40.1	41.6	40.0	42.5	35.5	42.0	41.0
September ..	31.2	30.3	31.9	29.1	29.5	32.0	28.6	27.5	33.6	34.9	30.2	35.3	30.8	34.1	32.1
October	28.9	27.8	28.5	25.8	25.9	32.5	25.6	26.8	28.6	29.1	27.8	25.8	26.1	33.2	29.8
November ..	.....	32.5	30.5	29.5	29.0	33.3	30.1	30.5	32.6	32.3	32.0	29.2	30.8	35.2	33.0
December	32.4	32.2	33.0	29.0	30.0	31.0	29.5	28.4	31.0	31.7	31.6	30.2	31.1	35.0	32.5
Average....	36.8	33.5	36.6	30.5	28.1	35.6	34.3	32.8	35.3	38.2	33.6	37.3	33.4	38.9	36.5
RYE: per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July .....	.....	.....	50.0	.....	.....	57.0	71.2	55.0	70.6	55.0	.....	.....	.....	78.5	69.2
August .....	.....	.....	52.5	.....	.....	61.6	71.3	55.0	.....	60.0	.....	.....	.....	78.5	65.5
September ..	70.8	77.0	52.5	.....	80.0	67.5	75.0	65.0	63.0	80.0	.....	.....	.....	75.0	67.3
October	82.5	76.0	52.5	.....	76.0	68.8	77.5	70.0	65.3	80.0	.....	.....	.....	78.8	72.4
November ..	.....	.....	52.5	.....	82.7	72.5	82.9	79.0	68.6	82.0	.....	.....	.....	84.0	75.7
December	86.4	.....	52.5	.....	85.0	72.5	84.4	82.0	67.9	85.0	.....	.....	.....	91.4	78.5
Average....	80.8	76.5	52.1	.....	79.8	66.5	76.6	67.8	66.9	66.3	.....	.....	.....	82.4	72.3
PEAS: per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	72.5	67.5	.....	55.0	.....	72.4	70.3	62.5	72.9	66.9	63.5	62.5	67.5	74.4	70.3
August	72.5	69.3	.....	.....	.....	69.1	70.0	62.5	71.6	64.4	62.5	60.8	62.5	74.0	68.1
September ..	57.5	62.1	61.7	52.5	63.3	61.9	64.3	60.0	62.6	63.9	61.5	58.1	61.8	68.6	64.0
October	65.0	59.2	60.0	55.0	58.7	57.0	60.6	56.4	55.8	63.7	59.0	57.5	56.4	61.8	59.7
November ..	.....	60.5	60.0	60.5	61.3	60.1	61.5	59.5	58.7	61.7	63.3	58.5	60.9	66.0	62.6
December	61.3	61.3	60.0	.....	62.0	61.5	61.0	58.0	59.6	61.3	62.8	60.0	61.2	63.2	61.6
Average....	64.5	62.6	60.3	55.8	60.7	63.9	65.0	59.7	63.5	64.4	61.7	59.8	61.7	66.1	63.8

TABLE IV. MARKET PRICES.--Continued.

Products.	Belleville.	Brantford.	Brockville.	Chatham.	Cobourg.	Guelph.	Kingston.	Lindsay.	London.	Ottawa.	Peterborough.	St. Thomas.	Stratford.	Toronto.	The Province.
CORN (in ear) :															
per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
October	30.1	30.1	27.5	27.5	35.0	35.0	35.0	35.0	35.7	35.3					35.0
November	31.3	31.3	23.1	23.1	30.1	30.1	30.1	30.1	36.7	36.7					30.3
December	28.8	28.8	21.7	21.7	35.0	35.0	35.0	35.0	33.0	33.0					27.6
Average	29.8	29.8	23.1	23.1	35.0	35.0	35.0	35.0	31.2	35.5					31.1
BUCKWHEAT :															
per bush.															
October	45.0	41.0	38.3	42.7	40.6	45.3	45.0	43.1	43.2						42.4
November	41.9	41.9	50.0	50.0	45.3	45.0	42.7	50.0	50.0						44.0
December	52.3	49.0	47.5	49.0	46.0	45.0	44.4	45.0							45.6
Average	49.8	45.0	43.3	47.0	43.8	45.0	43.4	45.1							44.1
BEANS: per bush.															
October			99.4	99.4				112.5	112.5						110.8
November			95.0	95.0				107.5	92.5						102.9
December			91.3	91.3				104.6							102.7
Average			95.2	95.2				108.4	105.8						106.1
POTATOES :															
per bush.															
October	29.7	31.0	28.3	39.0	28.0	28.3	26.1	23.0	28.5	23.1	31.1	28.4	35.0	31.0	31.0
November	30.0	30.0	30.0	30.8	30.0	30.8	30.0	28.1	30.6	30.0	41.5	32.7	28.8	37.9	34.1
December	30.0	31.8	30.0	26.8	31.7	30.0	27.5	30.0	26.7	43.5	32.7	30.0	37.4	33.2	33.2
Average	29.8	31.1	29.6	39.0	27.2	30.3	28.3	26.1	29.6	26.9	42.5	32.1	29.1	36.7	32.6
CARROTS :															
per bush.															
October			38.3						25.5	20.0				25.0	26.2
November			35.0						27.6	23.5				31.6	30.0
December									30.0	22.1				30.0	29.4
Average			36.4						28.3	21.7				29.4	28.9
TURNIPS :															
per bush.															
October			27.5						21.9	26.5				21.8	22.2
November			23.8						20.0	26.5				20.9	20.9
December									20.0	25.0				20.8	20.8
Average			25.4						20.3	25.5				21.2	21.2
WOOL: per lb.															
July	23.5	19.0	18.0	19.9	17.0	19.0	19.0	19.0	19.8		19.5	20.5	21.5	19.5	
August	23.5	20.0	23.0	19.5	17.0	19.0	19.0	19.0	17.8		19.5	20.5	21.7	19.7	
September	19.3	22.0	19.5	16.8	19.0	20.1	19.0	19.0	19.5	20.1	19.5	20.1	21.5	19.7	
October	19.0	19.0	19.0	19.5	17.4	19.0	20.7	18.3	19.0	19.0	19.5	19.0	21.7	19.9	
November	19.0	19.0	18.8	16.0	19.0	17.9	19.0	19.0	19.1		19.0		21.4	18.8	
December	19.0	19.0	18.0	16.1	19.0	17.5	17.3	19.0	19.0		19.0		22.7	18.7	
Average	22.8	19.2	19.0	19.2	16.8	19.0	19.0	18.4			19.4	20.1	21.7	19.4	
HAY: per ton.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
July	7 67	10 50	12 50	8 50	11 80	10 48	11 54	9 00	10 70	13 85	12 03	10 70	13 85	12 03	
August	7 75	8 50	11 50	9 00	10 25	9 53	8 64	9 00	9 56	12 67	10 93	10 50	12 67	10 93	
September	9 50	11 13	11 25	7 50	14 50	10 50	11 75	7 50	11 37	9 75	9 50	10 75	14 35	12 16	
October	10 70	10 75	10 83	10 00	12 25	8 94	8 70	10 52	10 05	11 00	11 00	11 00	13 90	11 90	
November	10 00	10 00	11 50	12 50	8 83	9 50	11 09	9 42	11 00	11 50	14 07	12 42	11 00	12 42	
December	12 00	11 25	11 50	12 00	11 60	8 25	9 50	10 57	9 88	11 00	11 50	13 70	12 05	12 05	
Average	9 63	10 68	11 54	9 71	14 50	11 50	9 30	8 83	10 59	9 87	9 80	10 86	13 76	11 91	

VALUES—FALL AND SPRING WHEAT.

TABLE V. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Fall and Spring Wheat in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91.

Counties.	Fall wheat.			Spring wheat.		
	1891.	1890.	1882-91.	1891.	1890.	1882-91.
	\$	\$	\$	\$	\$	\$
Essex	995,393	403,403	580,070	32,218	35,299	22,774
Kent	1,558,755	909,200	1,079,761	70,861	133,731	49,505
Elgin	1,163,285	788,128	797,623	18,388	21,371	21,151
Norfolk	866,704	581,870	555,375	15,155	9,619	10,507
Halifax	675,049	417,047	484,461	61,370	73,970	40,452
Welland	480,230	325,292	331,087	8,021	9,631	15,902
Totals	5,649,416	3,424,940	3,828,377	206,013	283,621	160,291
Lambton	1,028,104	514,298	625,860	110,718	97,855	81,443
Huron	1,445,319	932,124	1,164,880	241,184	139,578	198,260
Bruce	889,643	670,253	814,569	215,078	191,067	169,079
Totals	3,363,066	2,116,675	2,605,309	566,980	428,500	448,782
Grey	472,467	314,543	472,517	431,657	409,628	505,373
Simcoe	1,276,599	822,005	1,025,194	563,470	443,186	480,059
Totals	1,749,066	1,136,548	1,497,711	995,127	852,814	985,432
Middlesex	1,920,268	1,286,618	1,330,585	80,932	77,964	126,076
Oxford	1,050,607	754,238	721,092	117,288	107,328	125,000
Brant	708,934	441,436	497,393	16,204	24,117	14,831
Perth	1,020,001	600,339	787,078	226,391	157,273	164,001
Wellington	348,184	217,741	432,612	484,447	334,649	285,292
Waterloo	900,979	656,169	731,942	54,736	43,393	61,975
Dufferin	142,673	83,905	168,280	426,554	344,303	282,890
Totals	6,091,646	4,040,446	4,668,982	1,406,552	1,089,027	1,060,065
Lincoln	472,373	299,796	349,903	32,025	31,952	27,670
Wentworth	601,072	382,651	496,167	70,332	67,043	38,379
Halton	411,419	245,433	368,026	89,577	111,127	56,377
Peel	488,131	271,964	474,044	346,786	313,881	213,480
York	774,608	484,239	707,420	488,975	390,419	405,670
Ontario	135,890	82,937	177,071	1,034,150	491,682	738,468
Durham	105,044	87,512	71,717	611,057	346,262	541,031
Northumberland	242,281	247,378	210,432	380,925	288,022	345,807
Prince Edward	112,773	72,473	44,213	64,160	81,078	77,389
Totals	3,343,591	2,174,383	2,898,993	3,117,987	2,121,466	2,444,271
Lennox and Addington	79,153	47,447	38,841	48,562	61,219	73,709
Frontenac	21,413	10,256	27,476	154,513	90,094	119,183
Leeds and Grenville	47,946	38,258	78,615	191,464	116,733	181,744
Dundas	10,194	4,027	17,206	88,766	51,437	75,811
Stormont	2,330	1,436	9,538	74,909	51,317	70,720
Glengarry	3,246	766	7,915	152,618	83,650	115,709
Prescott .....	.....	509	753	165,724	111,669	118,333
Russell	1,071	558	3,279	85,417	44,191	61,960
Carleton	1,824	14,072	18,926	631,536	545,839	355,582
Renfrew	3,722	7,481	14,457	430,785	297,391	365,599
Lanark	32,719	25,839	51,940	282,736	131,711	196,713
Totals	203,618	150,649	263,946	2,317,030	1,285,251	1,735,063
Victoria	56,876	40,716	132,055	583,447	417,837	447,621
Peterborough	103,991	125,140	171,223	477,159	306,286	323,025
Haliburton	1,760	3,472	1,912	26,090	19,483	16,731
Hastings	224,441	211,644	167,150	128,252	111,778	193,865
Totals	387,068	380,972	472,340	1,214,948	855,384	981,242
Muskoka	411	452	952	14,615	15,110	17,980
Parry Sound	901	1,849	721	13,188	12,001	19,296
Nipissing .....	.....	260	26	4,783	3,395	818
Algoma	11,953	12,701	8,527	93,796	68,836	106,066
Totals	13,265	15,262	10,226	126,382	99,342	144,160
The Province	20,800,736	13,439,875	16,250,884	9,951,019	7,015,405	7,959,306

VALUES—BARLEY AND OATS.

TABLE VI. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Barley and Oats in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91.

Counties.	Barley.			Oats.		
	1891.	1890.	1882-91.	1891.	1890.	1882-91.
	\$	\$	\$	\$	\$	\$
Essex ...	60,598	89,163	47,730	472,277	431,053	419,406
Kent	112,126	105,287	100,855	583,503	413,251	477,239
Elgin	82,336	95,834	71,903	498,890	364,447	444,556
Norfolk ..	61,701	65,402	84,625	354,476	247,459	310,542
Haldimand ..	64,147	99,873	164,422	228,884	207,904	264,705
Welland	39,830	29,614	47,375	260,046	156,449	222,214
Totals.....	420,738	485,173	517,110	2,398,076	1,820,663	2,138,662
Lambton	164,805	181,047	206,965	780,581	552,445	547,660
Huron	303,084	411,322	408,266	1,316,589	1,213,459	1,059,070
Bruce	182,756	217,784	263,904	991,484	908,722	740,040
Totals.....	650,645	810,153	879,135	3,088,654	2,674,626	2,346,770
Grey	177,689	198,940	293,738	1,396,385	1,244,559	1,050,224
Simcoe	403,336	362,904	435,379	1,077,438	942,316	811,481
Totals.....	581,025	561,844	729,117	2,473,823	2,186,875	1,861,705
Middlesex.....	205,584	218,332	223,203	1,195,830	1,036,743	1,017,449
Oxford	235,691	227,532	276,783	955,413	711,492	750,114
Brant	185,832	271,144	272,125	298,841	241,502	243,109
Perth	231,970	258,164	282,941	1,171,115	1,001,314	867,866
Wellington ..	449,580	467,966	542,149	1,379,873	1,219,876	993,121
Waterloo.....	276,216	310,757	284,638	676,524	540,964	501,863
Dufferin	154,992	156,900	165,474	560,071	434,450	382,542
Totals.....	1,739,865	1,910,795	2,047,313	6,232,672	5,186,341	4,756,134
Lincoln	32,704	50,961	57,792	214,532	172,128	211,204
Wentworth.....	130,886	168,477	194,012	382,360	322,939	375,466
Halton	110,487	144,793	193,795	308,803	257,352	252,220
Peel	371,734	434,507	521,392	591,536	454,503	416,638
York	699,130	561,135	883,625	1,319,353	999,997	952,147
Ontario	448,899	360,136	587,615	948,330	681,864	699,280
Durham	514,500	326,354	660,958	603,204	385,655	444,499
Northumberland..	303,088	288,091	527,882	440,932	357,541	332,138
Prince Edward ..	265,435	310,302	435,393	191,461	155,414	140,126
Totals.....	2,876,863	2,644,756	4,062,464	5,000,511	3,787,393	3,823,718
Lennox and Addington ...	227,488	224,532	447,799	299,465	231,076	232,327
Frontenac	105,992	118,873	215,873	404,484	288,808	292,943
Leeds and Grenville	128,446	76,079	145,340	1,015,988	682,705	764,550
Dundas	76,455	54,377	105,489	487,943	310,109	382,864
Stormont	39,419	37,149	36,670	348,161	257,112	303,018
Glengarry	30,231	25,254	28,244	449,190	286,875	351,955
Prescott.....	57,254	55,275	44,164	379,528	325,032	298,877
Russell	35,551	26,324	21,794	313,461	269,962	221,088
Carleton	205,489	116,441	133,926	1,139,118	746,431	787,101
Renfrew.....	18,037	15,949	18,958	641,736	478,300	477,347
Lanark	43,136	37,823	41,209	654,627	451,739	432,501
Totals.....	967,498	788,076	1,239,466	6,133,701	4,328,139	4,544,571
Victoria	355,389	283,742	414,980	635,537	521,710	478,949
Peterborough.....	70,459	79,954	165,809	470,982	361,999	347,275
Haliburton	3,044	3,139	3,585	60,692	64,107	51,078
Hastings	229,832	239,903	464,457	561,348	461,244	450,667
Totals.....	658,724	606,738	1,048,831	1,728,559	1,409,060	1,327,969
Muskoka	7,670	5,703	6,432	122,381	115,426	95,297
Parry Sound.....	10,344	8,262	8,364	101,075	80,571	58,122
Nipissing	1,624	2,172	380	25,030	20,155	4,518
Algoma	10,679	7,613	8,479	74,001	78,485	60,026
Totals.....	30,317	23,750	23,655	322,487	294,637	217,963
The Province.....	7,925,675	7,831,285	10,547,091	27,378,483	21,687,734	21,017,492

VALUES—RYE AND PEAS.

TABLE VII. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Rye and Peas in Ontario in the years 1890 and 1891, with the yearly average for the ten years 1882-91.

Counties.	Rye.			Peas.		
	1891.	1890.	1882-91.	1891.	1890.	1882-91.
	\$	\$	\$	\$	\$	\$
Essex	7,601	7,821	9,049	23,063	44,603	42,024
Kent	12,144	16,971	9,120	75,223	116,284	117,695
Elgin	8,512	9,998	13,071	233,574	150,324	149,810
Norfolk	58,913	65,527	60,996	287,527	230,027	193,809
Haldimand	3,394	4,161	7,562	160,326	174,504	154,593
Welland	5,246	1,921	5,987	56,050	45,662	44,807
Totals.....	95,810	106,399	105,785	835,763	761,404	702,738
Lambton	1,434	4,626	2,335	136,676	145,220	114,279
Huron	5,032	2,419	2,934	718,856	554,924	471,453
Bruce	7,950	10,161	5,141	802,701	640,730	550,180
Totals.....	14,416	17,206	10,410	1,658,233	1,340,874	1,135,912
Grey	6,702	7,444	5,924	831,214	638,380	627,931
Simcoe	24,756	25,136	25,118	634,366	488,573	441,311
Totals.....	31,458	32,580	31,042	1,465,580	1,126,953	1,069,242
Middlesex.....	5,898	8,065	5,208	403,240	293,187	275,791
Oxford	7,403	12,665	10,743	325,626	195,552	212,808
Brant	5,695	14,437	9,019	191,488	147,944	120,566
Perth	85	625	1,494	471,899	346,964	334,872
Wellington	8,177	5,573	8,577	598,036	551,899	527,707
Waterloo	4,935	5,312	5,367	319,689	250,835	212,771
Dufferin	4,555	2,728	7,234	227,141	194,428	160,656
Totals.....	36,748	49,425	47,642	2,537,119	1,980,809	1,845,171
Lincoln	1,049	4,088	3,687	60,488	72,442	54,991
Wentworth	9,206	7,628	9,798	170,184	166,854	138,675
Halton	8,359	6,147	5,498	162,048	163,088	141,546
Peel	5,290	5,157	14,488	236,109	256,680	185,378
York	10,742	10,904	16,155	508,930	465,507	401,055
Ontario	13,458	11,748	26,554	514,990	286,751	351,182
Durham	31,955	29,039	42,680	392,274	224,186	268,222
Northumberland.....	86,406	82,106	89,525	320,362	248,373	222,351
Prince Edward	61,824	46,696	71,091	302,678	249,680	157,122
Totals.....	228,289	203,513	279,476	2,668,063	2,133,561	1,920,522
Lennox and Addington	29,438	26,181	41,903	154,709	110,005	104,442
Frontenac	39,667	25,555	36,763	159,301	109,248	123,199
Leeds and Grenville	30,837	30,422	60,919	100,715	57,303	75,791
Dundas	10,007	5,481	17,202	26,787	18,873	22,908
Stormont	4,136	3,062	5,520	38,489	21,322	32,430
Glengarry		1,589	614	62,546	43,689	63,362
Prescott.....		413	2,470	105,988	67,494	88,262
Russell.....	8,188	5,212	3,393	42,263	46,275	45,064
Carleton	23,266	43,477	59,996	225,658	137,635	173,938
Renfrew	96,913	82,241	78,746	317,056	284,813	266,825
Lanark.....	37,227	26,867	50,130	204,512	138,885	154,072
Totals.....	279,679	250,500	357,656	1,438,024	1,035,542	1,150,293
Victoria.....	11,417	16,680	12,312	278,328	229,138	208,710
Peterborough	35,083	45,446	31,495	240,614	215,126	183,107
Haliburton	2,679	3,522	2,633	28,577	24,025	19,566
Hastings	73,403	89,754	120,877	303,717	269,705	210,816
Totals.....	122,582	155,402	167,317	851,236	737,994	622,199
Muskoka	1,711	3,249	4,061	66,783	50,054	38,659
Parry Sound	4,237	1,956	4,116	47,875	30,143	21,719
Nipissing	2,446	821	327	10,361	8,730	1,909
Algoma	2,961	2,832	2,225	111,330	73,692	65,137
Totals.....	11,355	8,858	10,729	236,349	162,619	127,424
The Province	820,337	823,883	1,010,057	11,690,367	9,279,756	8,573,501

VALUES—CORN, BUCKWHEAT AND BEANS.

TABLE VIII. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Corn, Buckwheat and Beans in Ontario in the years 1890 and 1891, with the yearly average for the seven years 1885-91.

Counties.	Corn.			Buckwheat.			Beans.		
	1891.	1890.	1885-91.	1891.	1890.	1885-91.	1891.	1890.	1885-91.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Essex	830,810	873,362	681,916	24,105	7,350	9,405	29,938	24,278	15,352
Kent	728,421	613,583	523,543	15,663	12,700	8,872	483,688	632,382	330,046
Elgin	378,425	247,688	290,084	2,625	18,873	13,274	72,088	64,123	34,262
No folk	278,611	197,867	238,317	48,223	48,780	31,107	2,955	7,869	6,073
Haldimand	27,443	27,934	33,057	5,736	4,186	5,661	3,236	6,350	2,955
Welland	148,420	81,850	109,217	39,589	17,061	17,843	25,776	17,810	11,461
Totals	2,392,130	2,042,284	1,876,134	155,941	108,950	94,162	617,681	752,812	400,149
Lambton	276,601	172,663	147,575	9,185	7,352	4,579	14,939	7,457	7,684
Huron	56,054	45,362	35,498	4,668	3,922	2,588	3,528	3,566	3,298
Bruce	32,278	24,026	15,940	6,848	5,177	3,612	3,909	3,469	2,659
Totals	364,933	242,051	199,013	20,701	16,451	10,779	22,376	14,492	13,641
Grey	19,493	30,561	12,431	5,847	4,848	3,189	3,987	9,021	3,067
Simcoe	33,918	24,968	17,726	7,092	7,232	3,633	3,209	1,804	2,353
Totals	53,411	55,529	30,157	12,939	12,080	6,822	7,196	10,825	5,420
Middlesex	346,866	247,363	219,816	4,530	3,266	4,059	7,497	7,862	5,640
Oxford	256,096	193,239	162,984	8,705	6,820	5,064	2,748	3,986	4,230
Brant	121,225	108,890	93,835	5,202	6,590	5,082	1,566	6,429	2,701
Perth	49,912	28,031	20,099	1,290	925	923	477	321	1,011
Wellington	25,992	28,383	14,141	3,490	6,257	2,061	361	1,002	829
Waterloo	41,589	28,844	21,359	1,681	1,238	897	170	1,568	758
Dufferin	3,981	3,446	1,955	3,076	679	1,249	2,206	719	757
Totals	845,661	638,196	534,189	27,974	25,775	19,335	15,025	21,887	15,926
Lincoln	159,304	78,479	116,420	10,497	8,367	6,089	3,992	6,733	3,720
Wentworth	136,436	101,777	89,962	7,690	11,389	6,894	4,348	11,471	3,876
Halton	53,893	39,429	26,628	1,087	559	983	186	383	743
Peel	27,617	20,514	14,118	3,826	1,591	2,133	509	540	854
York	64,374	49,904	34,185	5,961	1,096	2,174	3,384	2,538	2,885
Ontario	57,148	51,988	45,005	32,025	11,339	9,277	4,354	5,424	3,197
Durham	56,700	34,549	29,810	74,661	37,278	25,374	9,344	9,219	6,229
Northumberland	125,382	80,861	68,653	125,278	99,673	70,099	9,959	12,366	9,701
Prince Edward	136,708	136,785	89,718	101,138	89,246	77,096	4,272	8,816	8,255
Totals	817,562	594,286	514,499	362,163	260,538	200,119	39,984	57,490	39,460
Lennox and Add.	86,460	45,806	42,598	66,655	62,681	36,531	8,207	6,542	3,914
Frontenac	67,660	41,249	32,926	31,484	23,828	18,200	5,967	3,251	6,416
Leeds & Grenville	325,593	191,219	144,077	69,656	75,176	52,906	12,561	14,884	9,205
Dundas	117,958	40,115	44,273	32,919	31,946	21,513	7,631	7,324	7,288
Stormont	67,413	38,636	28,216	34,131	28,549	23,745	7,703	5,360	4,756
Glengarry	54,159	46,076	20,733	15,951	15,219	10,082	3,695	5,962	2,626
Prescott	69,119	29,083	28,476	18,943	14,547	13,557	19,514	8,209	10,969
Russell	33,695	13,372	9,858	19,117	15,114	10,366	4,346	4,557	3,443
Carleton	90,377	51,598	34,031	48,199	27,451	34,622	9,459	17,733	9,944
Renfrew	23,777	10,843	8,885	20,714	13,817	12,254	14,448	15,928	11,938
Lanark	44,490	38,659	23,279	55,356	46,726	43,256	6,455	6,894	5,305
Totals	980,701	546,656	417,352	413,125	355,054	277,032	99,986	96,644	75,804
Victoria	16,421	13,286	12,315	34,751	18,517	9,512	2,831	3,653	1,839
Peterborough	12,543	12,138	6,835	26,313	21,851	10,966	2,491	7,248	2,332
Haliburton	1,894	1,793	1,421	7,077	3,772	2,433	993	668	606
Hastings	194,689	122,631	97,636	74,889	50,035	43,376	4,631	9,622	6,383
Totals	225,547	149,898	118,207	143,030	94,175	66,287	10,946	21,191	11,160
Muskoka	3,309	2,612	2,373	7,362	5,396	3,771	870	1,070	941
Parry Sound	1,400	683	592	1,808	2,452	1,050	721	1,054	378
Nipissing	1,110	409	217	1,743	939	383	1,665	293	280
Algoma	2,009	806	1,084	3,405	1,290	1,075	96	565	375
Totals	7,828	4,510	4,266	14,318	10,077	6,279	3,352	2,932	1,974
The Province	5,687,773	4,273,410	3,693,817	1,150,191	883,100	680,815	816,546	978,323	563,534

VALUES—HAY AND CLOVER AND POTATOES.

TABLE IX. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Hay and Clover and Potatoes in Ontario in the years 1890 and 1891, with the yearly average for the seven years 1885-91.

Counties.	Hay and Clover.			Potatoes.		
	1891.	1890.	1885-91.	1891.	1890.	1885-91.
	\$	\$	\$	\$	\$	\$
Essex.....	639,186	553,042	667,399	83,943	91,453	97,480
Kent.....	741,433	840,919	872,235	145,743	128,804	132,862
Elgin....	688,124	827,969	820,839	121,031	98,697	105,324
Norfolk....	562,283	578,203	545,923	109,944	88,911	95,667
Haldimand..	380,287	649,269	622,152	34,167	41,167	54,963
Welland....	541,786	729,468	652,057	68,021	63,406	73,796
Totals.....	3,553,099	4,178,870	4,180,605	562,849	512,438	559,492
Lambton....	930,052	838,844	883,059	136,264	112,591	112,760
Huron.....	1,196,800	1,664,889	1,489,309	272,786	238,455	252,017
Bruce.....	800,745	1,350,944	1,202,582	279,459	234,387	240,902
Totals.....	2,927,597	3,854,677	3,574,350	688,509	585,433	605,679
Grey.....	1,403,951	1,905,178	1,581,136	354,548	482,444	385,730
Simcoe.....	1,082,964	1,080,858	1,073,688	399,088	435,437	375,855
Totals.....	2,486,915	2,986,036	2,654,824	753,636	917,881	761,585
Middlesex..	1,401,878	1,507,590	1,464,041	282,177	255,793	221,645
Oxford....	1,057,918	1,146,962	1,033,877	176,486	125,969	129,952
Brant.....	441,123	596,815	447,896	115,169	104,928	96,768
Perth.....	892,762	1,266,332	1,104,080	187,503	194,773	166,814
Wellington..	1,186,188	1,438,950	1,328,950	296,129	365,749	297,613
Waterloo... Dufferin....	430,653 523,528	680,774 497,630	646,866 471,217	134,181 194,278	155,619 239,237	137,977 185,118
Totals.....	5,934,050	7,135,053	6,496,927	1,385,923	1,442,068	1,235,887
Lincoln....	439,681	616,872	584,869	72,386	62,068	71,223
Wentworth..	511,332	754,884	632,792	200,678	173,632	161,493
Halton.....	317,914	424,681	418,142	62,438	65,017	67,030
Peel.....	514,941	527,761	528,866	138,632	122,314	120,353
York.....	1,118,027	1,068,338	1,025,999	341,987	381,200	333,610
Ontario....	723,818	847,605	773,968	250,010	202,578	223,618
Durham.....	551,099	711,883	615,997	159,589	138,850	155,579
Northumberland..	518,669	735,645	697,387	191,646	211,288	184,568
Prince Edward..	421,412	422,074	426,925	87,628	80,510	91,474
Totals.....	5,116,893	6,049,743	5,704,935	1,504,994	1,440,457	1,408,888
Lennox and Addington..	741,517	760,449	658,503	148,946	117,789	149,779
Frontenac..	809,201	874,524	759,249	206,160	159,974	158,981
Leeds and Grenville..	372,416	1,431,127	1,492,828	379,707	333,643	354,656
Dundas....	440,062	477,851	595,931	142,178	161,979	137,593
Stormont... Glengarry... Prescott.... Russell..... Carleton.... Renfrew.... Lanark.....	405,440 306,147 612,603 260,434 805,902 572,311 586,901	409,568 432,027 508,657 223,610 667,076 672,498 665,622	549,789 630,261 550,915 254,763 877,031 680,058 810,469	86,165 112,053 150,779 80,372 340,557 255,818 199,814	96,729 111,567 158,596 78,137 358,305 220,324 186,652	94,262 111,787 141,513 67,010 330,326 246,867 197,151
Totals.....	6,512,924	7,123,009	7,889,797	2,102,549	1,983,695	1,989,925
Victoria....	431,321	485,284	460,848	156,610	210,479	178,189
Peterborough..	360,087	520,296	431,605	139,006	156,873	138,392
Haliburton... Hastings....	73,520 618,963	94,565 1,027,021	109,905 860,320	36,460 251,643	38,913 229,395	34,764 274,023
Totals.....	1,483,891	2,127,166	1,862,679	583,719	638,930	625,868
Muskoka....	140,276	329,694	275,451	79,018	78,360	83,462
Parry Sound..	187,582	173,807	127,554	75,448	70,833	55,987
Nipissing....	36,004	65,373	14,483	32,615	26,731	8,478
Algoma.....	118,993	208,536	147,387	72,959	82,719	62,118
Totals.....	482,855	777,470	564,875	260,040	258,673	210,045
The Province.	28,498,224	34,232,024	32,929,592	7,842,219	7,779,575	7,896,869

VALUES—CARROTS AND TURNIPS.

TABLE X. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Carrots and Turnips in Ontario in the years 1890 and 1891, with the yearly average for the seven years, 1885-91.

Counties.	Carrots.			Turnips.		
	1891.	1890.	1885-91.	1891.	1890.	1885-91.
	\$	\$	\$	\$	\$	\$
Essex	3,557	11,073	6,832	5,290	16,704	11,632
Kent	8,659	23,605	14,262	17,604	37,026	25,167
Elgin	13,126	24,965	15,617	22,523	36,019	26,866
Norfolk	7,084	21,648	12,133	64,423	109,662	95,865
Haldimand	2,537	8,742	7,248	5,215	7,526	8,631
Welland	3,251	4,170	6,582	5,448	13,002	12,532
Totals	38,214	94,203	62,694	120,503	219,939	180,693
Lambton	10,310	27,714	17,518	22,972	23,967	20,534
Huron	25,260	50,646	45,349	430,466	766,013	605,693
Bruce	12,206	38,549	23,824	375,522	626,072	533,161
Totals	47,776	116,909	86,691	828,960	1,416,052	1,159,388
Grey	18,974	66,480	46,506	590,576	1,035,500	830,759
Simcoe	24,064	64,970	51,469	267,961	418,166	334,364
Totals	43,038	131,450	97,975	858,537	1,453,666	1,165,123
Middlesex	34,341	72,626	43,414	90,429	159,986	138,246
Oxford	18,937	39,921	33,818	412,608	636,417	534,538
Brant	8,330	27,906	20,917	227,505	384,525	298,967
Perth	15,323	61,310	40,905	320,153	512,346	398,639
Wellington	14,024	43,810	24,636	814,814	1,363,850	1,219,923
Waterloo	17,040	45,951	33,318	282,515	496,814	437,602
Dufferin	1,408	10,747	10,767	171,837	279,683	208,423
Totals	109,403	302,271	207,775	2,319,861	3,833,621	3,236,338
Lincoln	3,460	11,056	9,886	11,238	24,146	19,209
Wentworth	16,480	29,512	21,873	170,056	395,704	290,357
Halton	3,142	12,172	12,665	116,804	226,935	177,910
Peel	7,007	25,715	22,331	100,333	157,677	115,859
York	20,345	104,099	68,011	258,714	478,679	332,976
Ontario	13,684	66,046	49,459	791,248	1,606,761	1,177,716
Durham	13,115	58,684	47,103	344,472	556,335	505,698
Northumberland	9,996	32,568	24,803	199,230	405,965	316,864
Prince Edward	2,700	5,856	4,187	4,826	9,558	6,904
Totals	89,829	345,708	260,318	1,996,921	3,861,760	2,943,493
Lennox and Addington	2,579	6,746	4,852	5,861	6,562	7,258
Frontenac	12,341	7,581	13,242	23,075	17,234	29,331
Leeds and Grenville	13,201	28,611	15,747	21,468	36,118	22,702
Dundas	14,034	10,836	6,506	2,952	5,144	3,815
Stormont	2,386	2,835	2,681	2,590	13,716	5,647
Glengarry	4,744	2,835	3,300	3,520	5,914	4,348
Prescott	1,901	3,698	3,798	9,072	5,206	10,506
Russell	10,850	23,134	13,802	25,792	60,582	33,476
Carleton	24,661	95,502	46,875	94,663	245,146	132,206
Renfrew	5,999	10,144	7,180	40,079	61,890	45,973
Lanark	8,505	21,674	11,465	32,834	46,229	40,815
Totals	101,201	213,596	129,448	261,906	503,741	336,077
Victoria	11,250	28,856	31,116	193,447	303,355	305,525
Peterborough	15,397	56,065	28,600	112,811	168,857	113,551
Haliburton	1,602	2,677	1,963	12,140	21,613	20,907
Hastings	7,993	21,427	15,404	49,462	67,976	66,116
Totals	36,242	109,025	77,083	367,860	561,831	506,099
Muskoka	5,074	7,875	6,039	41,850	76,620	75,849
Parry Sound	3,713	3,142	2,395	50,793	53,611	46,795
Nipissing	120	630	107	9,180	8,602	2,540
Algoma	2,142	1,512	2,243	28,974	52,941	37,639
Totals	11,049	13,159	10,784	130,797	191,774	162,823
The Province	476,752	1,326,321	932,768	6,885,345	12,042,384	9,690,034

VALUES—WHEAT TO PEAS AND CORN TO TURNIPS.

TABLE XI. Showing by County Municipalities and groups of Counties the aggregate value of Wheat, Barley, Oats, Rye and Peas, and of Corn, Buckwheat, Beans, Hay, Potatoes, Carrots and Turnips in Ontario in 1890 and 1891, with the yearly average of the first group for ten years 1882-91, and of the second group for seven years 1885-91.

Counties.	Wheat, Barley, Oats, Rye and Peas.			Corn, Buckwheat, Beans, Hay, Potatoes, Carrots and Turnips.		
	1891.	1890.	1882-91.	1891.	1890.	1885-91.
	\$	\$	\$	\$	\$	\$
Essex	1,501,150	1,011,842	1,121,053	1,616,829	1,577,262	1,490,016
Kent	2,412,612	1,694,724	1,834,175	2,141,211	2,289,019	1,907,007
Elgin	2,004,985	1,430,102	1,498,114	1,317,942	1,318,334	1,306,266
Norfolk	1,644,476	1,199,904	1,215,854	1,073,523	1,052,940	1,032,485
Haldimand	1,193,170	977,459	1,116,195	458,621	745,174	734,667
Welland	849,423	563,669	667,572	832,291	926,767	883,488
Totals	9,605,816	6,882,200	7,452,963	7,440,417	7,909,496	7,353,929
Lambton	2,222,318	1,495,491	1,578,542	1,400,323	1,190,588	1,193,709
Huron	4,030,064	3,253,826	3,304,863	1,989,562	2,772,853	2,433,752
Bruce	3,089,612	2,638,717	2,542,913	1,510,967	2,282,624	2,022,680
Totals	9,341,994	7,388,034	7,426,318	4,900,852	6,246,065	5,650,141
Grey	3,316,114	2,813,494	2,955,707	2,397,376	3,534,032	2,862,818
Simcoe	3,979,965	3,084,120	3,218,542	1,818,296	2,033,435	1,859,088
Totals	7,296,079	5,897,614	6,174,249	4,215,672	5,567,467	4,721,906
Middlesex	3,811,752	2,920,929	2,978,312	2,167,718	2,254,486	2,096,861
Oxford	2,692,033	2,008,807	2,096,540	1,933,498	2,153,314	1,904,463
Brant	1,401,994	1,140,580	1,157,043	920,120	1,236,085	966,166
Perth	3,121,461	2,364,679	2,438,252	1,467,420	2,064,038	1,732,471
Wellington	3,268,297	2,797,704	2,789,528	2,340,998	3,248,001	2,888,153
Waterloo	2,233,079	1,807,430	1,798,556	907,829	1,410,808	1,278,777
Dufferin	1,515,986	1,216,714	1,167,076	900,314	1,032,141	879,486
Totals	18,044,602	14,256,843	14,425,307	10,637,897	13,398,871	11,746,377
Lincoln	813,171	631,367	705,247	700,558	807,721	811,416
Wentworth	1,364,040	1,115,592	1,252,497	1,047,020	1,478,369	1,207,247
Halton	1,090,693	927,940	1,017,462	555,464	769,176	704,101
Peel	2,039,586	1,736,692	1,825,420	792,865	856,112	804,504
York	3,801,738	2,912,201	3,366,072	1,812,792	2,028,854	1,799,840
Ontario	3,095,717	1,915,118	2,580,170	1,872,187	2,791,741	2,282,240
Durham	2,258,034	1,399,008	2,029,107	1,208,940	1,546,798	1,385,790
Northumberland	1,773,994	1,511,511	1,728,135	1,179,796	1,578,366	1,372,015
Prince Edward	998,331	915,643	925,334	758,684	752,845	704,559
Totals	17,235,304	13,065,072	15,429,444	9,928,346	12,609,982	11,071,712
Lennox and Addington	838,815	700,460	939,021	1,060,225	1,006,575	903,435
Frontenac	895,370	642,834	815,437	1,155,888	1,127,641	1,018,345
Leeds and Grenville	1,515,396	1,001,500	1,306,959	1,794,602	2,110,778	2,092,121
Dundas	700,152	444,304	621,480	757,734	735,195	816,919
Stormont	507,444	371,398	457,896	605,828	595,393	709,096
Glenagarry	697,831	441,823	567,799	500,269	619,600	783,137
Prescott	708,494	560,392	552,859	881,931	727,996	759,734
Russell	485,951	392,512	356,578	434,596	418,506	392,718
Carleton	2,226,891	1,303,895	1,529,469	1,413,818	1,462,811	1,465,035
Renfrew	1,508,249	1,166,175	1,221,932	933,146	1,005,444	1,013,155
Lanark	1,254,957	812,864	926,565	934,355	1,012,466	1,161,740
Totals	11,339,550	7,838,157	9,295,995	10,472,392	10,822,395	11,115,435
Victoria	1,920,994	1,509,823	1,694,627	846,631	1,067,730	999,344
Peterborough	1,398,288	1,133,951	1,221,934	668,648	942,328	732,281
Haliburton	122,842	117,748	95,505	133,686	164,001	172,000
Hastings	1,520,993	1,384,028	1,607,832	1,202,270	1,528,157	1,363,258
Totals	4,963,117	4,145,550	4,619,898	2,851,235	3,702,216	3,266,883
Muskoka	213,571	189,994	163,381	277,759	501,627	447,886
Parry Sound	177,620	134,782	112,338	321,465	305,672	234,751
Nipissing	44,244	35,533	7,978	82,437	102,977	26,488
Algoma	304,720	241,159	250,460	228,578	348,369	251,921
Totals	740,155	604,468	534,157	910,239	1,258,645	961,046
The Province	78,566,617	60,077,938	65,358,331	51,357,050	61,515,137	55,887,420

VALUES--ALL FIELD CROPS AND WOOL.

TABLE XII. Showing by County Municipalities and groups of Counties the aggregate value of all Field Crops in Ontario in the years 1890 and 1891, with the yearly average (determined by combining averages in preceding table); also the value, at market price, of the total clip of Wool in 1890 and 1891, with the yearly average for the seven years 1885-91.

Counties.	All field crops.			Wool.		
	1891.	1890.	Yearly Average.	1891.	1890.	1885-91.
	\$	\$	\$	\$	\$	\$
Essex	3,117,979	2,588,604	2,611,069	17,223	17,199	16,668
Kent	4,553,823	3,983,743	3,741,182	24,661	23,271	21,821
Elgin	3,322,927	2,748,436	2,804,380	29,851	27,359	23,569
Norfolk	2,717,999	2,252,844	2,248,339	17,656	14,914	15,615
Haldimand	1,651,791	1,722,633	1,850,862	18,498	18,295	18,750
Welland	1,681,714	1,495,436	1,551,060	11,974	12,403	13,546
Totals	17,046,233	14,791,696	14,806,892	119,863	113,441	102,969
Lambton	3,622,641	2,686,079	2,772,251	31,720	29,805	26,258
Huron	6,019,626	6,026,679	5,738,615	57,448	47,785	50,391
Bruce	4,600,579	4,921,341	4,565,593	60,435	55,733	54,201
Totals	14,242,846	13,634,099	13,076,459	149,603	133,323	130,850
Grey	5,713,490	6,347,526	5,818,525	82,917	73,263	75,237
Simcoe	5,798,261	5,117,555	5,077,630	49,628	43,012	48,953
Totals	11,511,751	11,465,081	10,896,155	132,545	116,275	124,190
Middlesex	5,979,470	5,175,415	5,075,173	49,970	41,048	39,104
Oxford	4,625,531	4,162,121	4,001,003	17,033	13,244	17,621
Brant	2,322,114	2,376,663	2,123,209	13,142	11,911	13,319
Perth	4,588,881	4,428,717	4,170,723	35,438	32,223	32,925
Wellington	5,609,295	6,045,705	5,677,681	53,165	46,319	50,270
Waterloo	3,140,908	3,218,238	3,077,333	23,798	20,969	22,090
Dufferin	2,416,300	2,248,855	2,046,562	19,995	17,419	19,201
Totals	28,682,499	27,655,714	26,171,684	212,541	183,133	194,530
Lincoln	1,513,729	1,439,088	1,516,663	11,100	8,231	9,754
Wentworth	2,411,660	2,593,961	2,459,744	17,570	14,185	15,506
Halton	1,646,157	1,697,116	1,721,563	13,015	11,441	12,927
Peel	2,832,451	2,592,804	2,629,924	18,093	12,174	18,214
York	5,614,530	4,941,055	5,165,912	27,634	24,582	29,449
Ontario	4,967,904	4,716,859	4,862,410	34,639	25,958	31,584
Durham	3,467,014	2,945,806	3,414,897	30,612	18,670	23,242
Northumberland	2,953,790	3,089,877	3,100,150	21,383	17,672	21,936
Prince Edward	1,767,015	1,668,488	1,629,893	7,739	6,805	8,356
Totals	27,163,650	25,675,054	26,501,156	182,385	139,718	169,968
Lennox and Addington	1,899,040	1,707,035	1,842,456	10,741	11,322	13,687
Frontenac	2,051,258	1,770,475	1,833,782	16,568	16,137	16,739
Leeds and Grenville	3,309,998	3,112,278	3,399,080	24,745	26,228	30,271
Dundas	1,457,886	1,179,499	1,438,399	7,199	6,566	9,001
Stormont	1,113,272	966,791	1,166,992	6,637	7,451	9,095
Glengarry	1,198,100	1,061,423	1,350,936	13,610	10,678	12,975
Prescott	1,590,425	1,288,388	1,312,593	8,912	9,236	10,206
Russell	920,547	811,018	749,296	8,316	7,236	7,230
Carleton	3,640,709	2,766,706	2,994,504	20,084	21,472	25,617
Kenfrew	2,441,395	2,171,619	2,235,087	36,727	33,870	33,904
Lanark	2,189,312	1,825,320	2,088,305	32,418	29,091	30,346
Totals	21,811,942	18,660,552	20,411,430	185,957	179,287	199,071
Victoria	2,767,625	2,577,553	2,693,971	24,197	20,551	22,900
Peterborough	2,066,936	2,076,279	1,951,215	16,076	13,323	16,040
Haliburton	256,528	281,749	267,565	4,014	3,124	3,277
Hastings	2,723,263	2,912,185	2,971,090	16,740	16,697	22,063
Totals	7,814,352	7,847,766	7,886,781	61,027	58,695	64,280
Muskoka	491,330	691,621	611,267	7,690	5,961	6,685
Parry Sound	499,085	440,454	347,089	5,749	4,612	3,330
Nipissing	126,681	138,510	34,466	623	446	153
Algoma	533,298	592,528	502,381	8,656	7,923	5,482
Totals	1,650,394	1,863,113	1,495,203	22,718	18,942	15,650
The Province	129,923,667	121,593,075	121,245,760	1,066,639	937,814	1,008,501

VALUE PER ACRE—FALL WHEAT, SPRING WHEAT AND BARLEY.

TABLE XIII. Showing by County Municipalities and groups of Counties the market value of crop per acre of Wheat and Barley in Ontario, in 1890 and 1891, with the yearly average for ten years 1882-91.

Counties.	Fall wheat.			Spring wheat.			Barley.		
	1891.	1890.	1882-91.	1891	1890.	1882-91.	1891.	1890.	'82-91.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	23 87	15 54	18 24	16 81	12 14	13 44	13 21	11 30	13 83
Kent	25 01	18 84	18 13	17 37	13 06	13 83	14 58	12 05	14 77
Elgin	27 29	20 16	18 40	18 12	14 88	13 01	15 27	11 90	14 79
Norfolk	25 49	19 03	16 90	15 61	12 51	12 54	12 42	10 74	13 99
Haldimand	20 92	14 13	14 82	12 73	10 13	11 79	8 00	7 88	12 10
Welland	21 68	16 01	14 89	13 19	10 77	11 79	12 77	8 23	12 75
Group	24 43	17 68	17 21	15 36	12 04	12 80	12 46	10 31	13 43
Lambton	25 30	17 14	17 85	18 58	13 79	12 98	14 48	10 44	14 24
Huron	26 15	20 72	18 18	20 72	14 88	12 38	14 09	12 70	14 98
Bruce	24 63	20 44	17 83	18 21	13 88	12 72	14 34	13 10	14 29
Group	25 47	19 64	17 99	19 28	14 17	12 61	14 26	12 21	14 59
Grey	23 30	16 77	18 20	17 28	12 14	12 99	13 85	12 65	13 64
Simcoe	23 78	17 14	19 11	19 04	12 05	13 94	14 78	11 85	14 08
Group	23 64	17 04	18 81	18 24	12 10	13 44	14 48	12 12	13 90
Middlesex	27 77	21 38	18 67	19 14	15 79	12 79	14 98	12 30	14 66
Oxford	27 39	22 23	18 78	20 07	14 97	14 11	16 45	13 75	16 52
Brant	26 34	20 63	17 39	17 65	15 43	12 53	12 82	12 30	14 65
Perth	28 24	20 25	18 31	21 55	15 89	13 69	16 40	13 96	16 29
Wellington	25 20	17 99	18 17	20 81	16 07	14 01	15 52	13 75	15 45
Waterloo	24 54	20 16	18 87	20 62	15 25	13 46	15 46	14 91	16 62
Dufferin	21 68	17 14	17 50	19 97	13 88	13 58	13 94	12 55	13 87
Group	26 76	20 75	18 42	20 45	15 11	13 65	15 18	13 44	15 50
Lincoln	22 25	16 49	16 46	13 66	10 59	12 57	10 56	9 59	13 38
Wentworth	25 11	16 11	16 86	16 16	13 06	13 30	11 98	10 89	14 85
Halton	21 97	15 07	17 40	16 54	12 60	13 76	12 57	12 05	15 19
Peel	20 92	16 86	18 83	19 69	13 97	15 58	13 55	11 80	14 94
York	23 87	20 06	20 02	20 35	11 87	15 51	15 96	10 99	15 81
Ontario	24 44	19 97	20 48	21 00	9 59	15 65	15 32	10 54	15 47
Durham	22 63	20 63	19 04	19 32	9 68	15 00	15 22	8 63	14 56
Northumberland	17 31	19 22	18 19	16 44	9 86	12 74	12 62	8 89	12 30
Prince Edward	17 12	21 67	16 58	17 00	11 78	12 35	11 78	9 79	11 32
Group	22 22	17 66	18 23	19 30	10 85	14 75	14 12	10 30	14 22
Lennox and Addington	16 36	17 90	16 10	17 09	9 40	13 03	12 67	8 68	12 17
Frontenac	17 21	14 51	17 01	19 42	9 59	13 71	12 91	9 49	12 71
Leeds and Grenville	15 98	14 32	16 77	20 72	8 86	14 23	14 44	9 14	13 77
Dundas	20 07	14 13	17 67	25 36	12 14	16 94	15 71	10 19	16 40
Stormont	23 78	11 30	17 03	22 11	12 60	16 19	15 76	11 30	15 22
Glengarry	16 65	11 78	15 58	19 97	10 50	14 70	13 94	10 24	12 64
Prescott		11 30	11 77	19 88	12 33	14 38	14 63	11 04	14 20
Russell	25 50	15 07	17 08	24 43	12 42	15 55	16 01	11 85	13 55
Carleton	26 43	18 09	14 71	28 06	9 77	16 26	19 59	12 45	16 17
Renfrew	15 97	17 90	17 42	19 42	11 23	15 09	12 57	9 49	12 93
Lanark	16 64	11 87	17 45	20 07	8 22	13 60	15 22	10 64	14 13
Group	16 70	15 14	16 70	21 92	10 23	14 88	14 77	9 90	13 36
Victoria	21 11	14 41	17 79	19 23	11 78	14 04	15 56	11 04	13 89
Peterborough	16 74	14 98	17 49	15 61	10 59	12 36	12 42	10 09	13 24
Haliburton	19 78	12 81	14 82	15 79	10 04	11 99	12 03	10 19	12 90
Hastings	17 59	17 90	17 66	16 35	10 68	13 70	12 37	8 94	12 58
Group	17 79	16 37	17 62	17 26	11 14	13 34	13 92	9 98	13 17
Muskoka	15 22	14 13	15 61	17 09	12 51	13 62	12 08	10 04	11 80
Parry Sound	15 02	11 78	14 71	14 49	10 50	14 44	11 34	10 94	12 19
Nipissing		13 00	13 00	16 72	13 06	14 87	12 03	11 19	11 52
Algonia	23 30	18 27	19 08	19 88	14 24	18 04	13 80	10 69	14 13
Group	22 11	16 88	18 29	18 67	13 35	16 78	12 34	10 66	12 69
The Province	24 47	18 66	18 00	19 49	11 66	14 12	14 33	11 17	14 19

VALUE PER ACRE—OATS, RYE AND PEAS.

TABLE XIV. Showing by County Municipalities and groups of Counties the market value of crop per acre of Oats, Rye and Peas in Ontario, in 1890 and 1891, with the yearly average for the ten years 1882-91.

Counties.	Oats.			Rye.			Peas.		
	1891.	1890.	1882-91.	1891.	1890.	1882-91.	1891.	1890.	1882-91.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex.....	13 94	10 56	13 58	15 11	8 96	11 69	11 80	10 67	11 42
Kent.....	15 84	11 80	14 34	15 98	11 44	12 32	12 19	9 11	11 44
Elgin.....	15 55	10 52	13 64	13 95	8 96	10 52	15 76	7 90	11 35
Norfolk.....	13 87	8 80	11 61	11 78	6 75	8 18	14 04	9 65	11 91
Haldimand.....	9 53	8 14	11 44	9 61	7 38	9 91	9 19	9 53	10 94
Welland.....	13 07	7 23	11 23	13 52	7 91	10 08	11 10	7 54	10 33
Group.....	13 92	9 80	12 85	12 59	7 60	9 14	12 68	9 04	11 35
Lambton.....	15 84	10 15	13 10	11 56	10 01	9 85	13 72	9 17	11 35
Huron.....	15 18	12 82	13 33	14 46	7 91	10 55	17 35	12 18	13 91
Bruce.....	13 47	12 33	11 86	13 52	10 54	10 89	17 10	14 71	14 26
Group.....	14 74	11 95	12 78	13 60	9 93	10 55	16 86	12 78	13 76
Grey.....	13 29	12 21	11 60	13 01	7 22	10 43	15 89	13 15	13 47
Simcoe.....	14 78	12 45	12 40	13 52	8 27	10 83	16 33	13 02	13 49
Group.....	13 89	12 31	11 94	13 41	8 01	10 75	16 08	13 09	13 48
Middlesex.....	15 88	12 33	13 82	14 89	9 06	10 27	16 33	9 83	12 03
Oxford.....	17 12	12 21	14 03	14 46	8 43	9 22	16 65	9 47	13 12
Brant.....	14 67	11 67	13 19	12 80	8 91	8 75	15 12	12 00	12 65
Perth.....	17 48	14 63	14 95	12 14	7 91	8 69	18 25	11 82	14 09
Wellington.....	15 77	13 40	13 46	12 80	8 96	10 67	15 89	12 72	13 97
Waterloo.....	15 95	12 21	13 72	15 33	9 22	10 46	17 10	12 54	14 02
Dufferin.....	14 27	10 85	12 39	14 46	7 64	10 78	14 16	12 66	12 99
Group.....	16 09	12 75	13 79	13 94	8 75	9 80	16 53	11 59	13 39
Lincoln.....	11 35	8 51	11 78	13 45	6 75	9 26	9 44	9 41	10 76
Wentworth.....	13 69	10 60	13 06	13 30	7 91	10 30	13 46	11 88	12 49
Halton.....	14 09	11 47	13 05	14 82	7 01	10 33	14 29	11 88	13 22
Peel.....	16 50	12 25	13 71	11 28	8 80	12 10	13 91	12 54	12 76
York.....	17 81	13 07	14 71	14 17	10 01	10 22	15 89	12 90	13 81
Ontario.....	16 46	12 41	13 95	11 86	7 59	10 64	16 65	10 25	12 97
Durham.....	15 04	10 56	12 92	11 86	7 43	9 21	15 12	10 13	12 22
Northumberland.....	13 58	10 36	10 88	9 11	6 64	7 97	14 10	12 30	10 89
Prince Edward.....	12 85	10 73	10 23	11 50	7 38	8 31	14 80	13 21	11 08
Group.....	15 44	11 57	13 19	10 74	7 20	8 85	14 87	11 77	12 46
Lennox and Addington.....	13 61	9 17	10 39	10 48	7 59	8 86	14 16	11 16	11 56
Frontenac.....	13 36	9 66	10 49	11 28	7 54	10 01	14 99	10 61	11 35
Leeds and Grenville.....	14 27	9 45	11 53	14 53	7 35	10 86	16 21	10 43	12 09
Dundas.....	16 13	10 40	12 93	17 14	11 28	13 78	17 23	14 95	13 80
Stormont.....	15 07	11 51	12 61	14 46	9 22	12 60	17 10	13 02	13 03
Glengarry.....	14 16	9 41	11 61	.....	7 91	10 07	14 16	10 97	11 40
Prescott.....	13 76	10 48	11 25	.....	7 64	10 88	17 48	10 55	10 57
Russell.....	15 70	12 04	11 86	13 08	11 07	13 25	15 50	11 46	12 39
Carleton.....	17 56	11 71	12 97	16 12	9 54	10 90	18 25	13 75	13 68
Renfrew.....	13 83	11 06	11 54	13 16	9 01	11 52	14 61	13 39	12 87
Lanark.....	15 40	11 01	11 49	13 74	8 01	11 52	17 35	12 24	13 50
Group.....	14 97	10 52	11 79	13 14	8 47	10 86	15 87	12 10	12 41
Victoria.....	14 56	12 41	12 18	13 45	9 17	10 31	15 76	13 39	12 90
Peterborough.....	12 85	11 38	11 35	10 63	7 43	9 14	15 12	13 33	12 07
Haliburton.....	11 72	11 10	9 95	12 94	8 59	10 13	12 44	11 46	11 15
Hastings.....	12 37	10 64	10 66	11 28	8 54	9 30	14 61	13 02	11 25
Group.....	13 21	11 46	11 31	11 28	8 24	9 35	15 02	13 16	12 02
Muskoka.....	11 90	10 93	10 54	14 03	8 85	11 28	15 95	13 33	13 14
Parry Sound.....	10 73	11 64	10 81	14 46	12 70	12 90	14 23	12 00	13 21
Nipissing.....	12 05	12 08	12 05	13 66	10 01	12 58	14 29	12 54	13 44
Algoma.....	10 26	11 30	12 47	14 17	9 22	10 21	16 21	14 05	15 72
Group.....	11 12	11 02	11 12	14 14	9 73	11 62	15 60	13 32	14 36
The Province.....	14 87	11 52	12 64	12 09	7 99	9 75	15 54	11 88	12 82

VALUES PER ACRE—CORN, BUCKWHEAT, BEANS AND HAY.

TABLE XV. Showing by County Municipalities and groups of Counties the market value of crop per acre of Corn, Buckwheat, Beans and Hay and Clover in Ontario in 1890 in 1891, with the yearly average for seven years 1885-91.

Counties.	Corn.			Buckwheat.			Beans.			Hay and Clover.		
	1891.	1890.	'85-91.	1891.	1890.	'85-91.	1891.	1890.	'85-91.	1891.	1890.	'85-91.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	22 49	22 72	20 62	10 54	7 87	10 02	20 69	27 37	23 02	14 89	13 83	17 14
Kent	24 04	22 23	19 59	12 04	9 33	9 02	18 46	25 31	19 89	13 10	15 74	16 29
Elgin	25 88	18 61	20 53	10 80	9 20	8 77	21 54	24 67	22 20	12 51	15 13	15 98
Norfolk	22 70	15 19	17 74	10 72	9 03	8 50	22 39	20 82	18 52	12 39	13 59	13 43
Haldimand	23 76	14 58	19 26	8 60	9 80	7 62	21 43	19 66	19 19	7 62	13 44	12 57
Welland	25 88	14 55	19 07	12 52	9 20	9 19	18 04	15 42	16 07	11 20	15 26	13 48
Group	23 68	20 44	19 79	11 13	9 06	8 78	18 89	24 83	20 01	11 91	14 58	14 81
Lambton	26 12	18 73	19 08	11 20	6 67	8 43	19 73	15 93	18 34	14 17	14 15	15 52
Huron	19 53	17 87	20 04	12 35	8 60	8 63	26 53	32 13	26 81	10 72	15 11	14 74
Bruce	17 35	13 12	15 69	10 72	6 02	7 69	29 17	23 13	22 16	7 98	13 36	13 19
Group	23 82	17 81	18 91	11 27	6 80	8 21	21 85	19 88	20 61	10 55	14 22	14 35
Grey	12 44	15 25	13 56	8 51	8 04	7 45	23 87	25 70	21 15	10 84	15 11	12 99
Simcoe	21 77	18 61	17 26	8 25	7 87	7 37	22 92	23 13	21 39	12 03	12 96	13 40
Group	17 09	16 60	15 51	8 36	7 94	7 41	23 44	25 23	21 25	11 33	14 23	13 15
Middlesex	27 24	19 12	19 65	11 16	8 69	7 56	21 86	24 42	20 58	14 53	16 06	16 04
Oxford	24 79	17 93	18 49	10 10	7 31	7 60	18 57	21 20	23 63	16 08	17 33	16 52
Brant	25 88	22 05	19 97	9 97	8 34	8 14	19 10	23 90	17 31	14 17	18 21	14 49
Perth	22 39	16 78	18 61	11 03	10 75	8 10	23 85	32 13	24 07	12 98	17 49	16 09
Wellington	19 28	18 30	17 50	8 51	10 75	9 54	21 24	25 70	19 74	12 74	15 90	15 40
Waterloo	23 17	19 31	18 49	9 09	8 60	8 15	21 25	25 70	21 66	10 00	15 58	15 28
Dufferin	15 55	15 25	14 92	11 03	8 60	9 12	22 28	25 70	22 94	13 93	14 55	13 55
Group	25 34	19 00	19 16	10 06	8 62	8 04	20 96	23 87	20 93	13 61	16 45	15 59
Lincoln	25 44	13 15	18 56	11 42	9 89	9 24	20 79	25 70	22 14	11 31	15 90	14 15
Wentworth	25 56	19 52	20 46	12 30	8 56	9 22	22 07	21 20	22 53	10 96	18 05	14 18
Halton	26 75	21 87	19 28	9 88	8 60	6 34	26 57	22 49	20 08	9 53	13 91	12 71
Peel	23 33	18 30	18 82	11 03	10 75	8 40	21 21	22 49	22 47	11 91	14 71	13 78
York	21 77	18 30	19 22	10 49	6 02	8 46	25 25	32 13	24 66	12 62	14 07	13 79
Ontario	20 22	16 26	16 59	10 85	9 16	10 39	18 14	22 23	21 46	13 10	14 15	14 33
Durham	22 17	15 77	15 35	10 32	9 33	9 60	26 10	23 52	20 03	11 91	15 18	14 18
Northumberland	20 59	15 77	15 31	10 50	9 03	9 01	21 86	20 82	22 46	8 69	12 56	12 60
Prince Edward	19 47	18 64	15 53	10 01	10 58	9 92	17 30	23 39	19 20	12 74	12 56	13 74
Group	22 55	17 13	17 44	10 41	9 55	9 46	21 75	22 72	21 28	11 50	14 49	13 73
Lennox and Addington	23 64	16 93	17 62	10 54	11 05	9 99	25 89	27 37	21 99	12 39	11 93	12 22
Frontenac	21 46	16 78	16 34	11 11	11 35	10 19	20 16	23 90	23 50	11 20	13 36	11 66
Leeds and Grenville	27 12	20 25	20 69	10 94	10 62	9 53	24 30	26 34	23 24	8 22	12 00	12 89
Dundas	26 34	17 96	20 09	11 51	13 20	11 62	26 31	32 13	26 03	11 31	11 93	16 12
Stormont	23 48	22 88	19 62	12 30	12 17	11 54	31 83	27 63	26 57	11 91	10 97	16 17
Glengarry	22 55	22 51	19 38	11 07	9 63	9 55	18 57	25 70	23 45	7 74	10 57	16 50
Prescott	27 80	22 94	19 89	10 05	8 26	8 87	24 83	22 49	22 71	14 05	11 69	15 12
Russell	24 10	17 78	17 14	12 74	11 01	10 29	22 17	23 13	20 87	12 98	10 73	13 71
Carleton	22 30	15 40	16 58	11 86	9 63	9 31	25 36	29 56	23 02	11 67	10 26	14 10
Renfrew	18 32	13 73	14 91	10 94	9 93	9 56	21 86	25 44	25 24	8 22	10 57	10 50
Lanark	16 08	19 06	14 72	11 55	9 50	8 97	24 09	24 80	25 14	9 53	11 29	13 65
Group	24 17	19 00	18 68	11 25	10 60	9 78	24 12	26 41	23 82	10 39	11 52	13 43
Victoria	15 55	18 30	17 90	8 07	9 76	8 14	24 62	29 94	23 28	9 29	11 37	11 52
Peterborough	16 48	16 01	14 09	7 85	11 22	8 62	21 85	25 70	17 27	7 74	12 96	10 85
Haliburton	16 05	12 20	14 07	11 38	11 09	8 63	25 46	25 70	20 90	6 43	9 30	10 52
Hastings	21 77	15 49	15 88	11 38	9 59	9 65	15 91	29 43	21 00	7 74	13 59	12 00
Group	20 73	15 70	15 92	9 62	10 02	9 19	19 58	27 99	20 40	8 05	12 62	11 50
Muskoka	12 44	11 16	11 46	11 95	9 85	10 68	21 22	28 91	22 95	6 55	14 71	12 44
Parry Sound	14 00	12 20	12 87	8 78	12 38	9 63	21 21	25 70	22 24	9 65	11 93	11 11
Nipissing	15 21	11 68	14 47	10 76	11 05	10 94	22 50	26 60	23 33	8 10	13 91	11 08
Algoma	22 08	12 20	14 26	10 32	8 60	9 43	16 00	25 70	22 06	6 91	13 91	12 16
Group	14 77	11 53	12 40	10 89	10 27	10 28	21 63	26 86	22 69	7 72	13 71	12 04
The Province	23 59	19 09	18 97	10 66	9 80	9 37	19 70	24 80	20 61	11 18	13 90	13 94

VALUES PER ACRE—POTATOES, CARROTS AND TURNIPS.

TABLE XVI. Showing by County Municipalities and groups of Counties the market value per acre of Potatoes, Carrots and Turnips in Ontario in the years 1890 and 1891, with the yearly average for seven years 1885-91.

Counties.	Potatoes.			Carrots.			Turnips.		
	1891.	1890.	'85-91.	1891.	1890.	'85-91.	1891.	1890.	'85-91.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	31 26	35 17	36 01	33 88	106 47	65 69	23 00	96 00	59 05
Kent	41 99	42 75	42 73	48 37	101 75	82 08	43 90	91 65	77 44
Elgin	46 39	37 30	40 15	61 62	112 46	90 27	53 50	89 60	77 42
Norfolk	40 23	31 67	32 24	44 00	78 44	72 65	47 30	83 97	79 29
Haldimand	32 66	31 19	41 02	29 50	100 49	73 96	32 80	89 60	60 78
Welland	34 46	28 13	34 13	36 12	68 36	78 36	38 10	62 21	72 86
Group	38 77	35 00	37 58	45 32	95 93	78 37	44 37	85 28	75 54
Lambton	41 04	35 97	39 14	44 25	104 58	81 86	42 70	79 36	64 78
Huron	53 04	52 27	51 20	52 63	120 02	100 33	56 70	115 71	90 46
Bruce	56 59	50 59	51 87	45 38	106 79	84 78	53 60	109 57	90 15
Group	51 38	46 08	48 66	48 65	111 55	91 54	54 77	112 66	89 69
Grey	51 74	70 79	57 95	44 13	114 03	95 10	56 00	105 73	87 98
Simcoe	49 78	58 87	54 46	50 88	115 61	94 09	57 80	117 76	89 79
Group	50 68	64 59	56 18	47 66	114 80	94 57	56 55	108 93	88 49
Middlesex	50 89	42 09	41 66	61 88	110 88	86 31	61 60	87 81	81 27
Oxford	53 69	40 00	42 77	60 50	112 77	98 59	64 00	107 78	94 34
Brant	49 94	43 29	44 74	58 25	142 38	112 46	65 30	113 66	96 78
Perth	52 88	57 24	48 10	56 75	124 11	104 35	60 10	109 31	87 98
Wellington	50 99	58 96	52 14	51 75	115 29	83 23	60 50	104 96	93 80
Waterloo	49 72	53 74	49 56	57 37	122 54	101 89	54 90	103 94	87 33
Dufferin	52 23	61 05	57 85	39 11	98 60	92 03	55 90	101 89	82 74
Group	51 50	51 83	48 12	58 04	117 94	96 01	60 39	105 56	91 11
Lincoln	41 79	35 53	40 19	43 25	102 38	85 97	43 90	92 16	78 09
Wentworth	46 32	41 15	46 57	51 50	123 48	91 14	58 00	128 77	103 74
Halton	38 57	42 44	44 13	49 87	115 92	109 18	56 40	131 33	95 91
Peel	39 61	38 01	40 54	35 75	108 05	82 71	48 80	114 18	77 03
York	45 48	46 60	44 87	49 50	127 26	110 23	51 20	108 54	86 13
Ontario	49 81	45 10	52 74	50 50	137 03	113 44	54 40	125 44	92 84
Durham	49 45	43 46	50 53	53 75	102 06	99 58	54 60	106 50	90 95
Northerumberland	42 67	44 96	42 47	42 00	113 09	89 22	48 10	115 20	88 39
Prince Edward	43 42	34 64	39 58	28 13	90 09	58 97	38 00	97 54	59 01
Group	44 98	42 78	45 25	46 86	118 47	99 51	53 26	118 79	91 36
Lennox and Addington	45 05	38 23	47 71	45 25	114 35	77 02	40 70	68 35	59 01
Frontenac	50 79	37 21	40 80	43 00	60 17	64 60	35 50	67 58	61 23
Leeds and Grenville	52 58	45 14	49 99	40 12	97 65	77 19	45 10	91 90	74 92
Dundas	57 38	73 10	58 15	62 37	126 00	76 54	49 20	72 45	65 73
Stormont	39 38	48 73	47 37	45 88	78 75	59 58	56 30	97 28	71 43
Glengarry	46 00	49 04	47 05	41 25	78 75	56 90	55 00	134 40	90 58
Prescott	60 99	72 25	59 63	45 26	94 82	75 96	50 40	83 97	81 44
Russell	48 77	54 49	45 12	50 00	96 39	83 14	48 30	105 73	92 48
Carleton	55 58	56 79	55 16	45 25	97 65	79 99	52 30	97 28	77 91
Renfrew	58 42	57 77	63 43	41 37	122 22	71 09	45 70	85 25	68 82
Lanark	53 63	55 95	56 39	39 38	131 36	84 93	48 50	96 51	76 01
Group	52 51	51 75	52 23	45 38	99 76	76 24	47 46	93 98	74 97
Victoria	48 41	61 53	54 43	50 00	102 69	101 03	47 60	89 60	82 78
Peterborough	43 52	48 86	49 08	44 50	129 78	85 37	48 50	102 40	73 88
Haliburton	55 16	54 05	54 15	37 26	107 10	78 52	36 90	78 59	65 75
Hastings	46 29	43 19	50 84	36 50	85 37	79 40	37 70	81 41	63 88
Group	46 60	50 27	51 57	43 51	110 24	89 42	45 80	91 43	76 90
Muskoka	55 26	56 17	59 19	44 12	78 75	67 85	38 50	96 26	70 43
Parry Sound	55 35	64 01	65 56	37 13	55 13	61 41	34 60	72 45	64 63
Nipissing	56 04	62 02	58 47	40 00	63 00	53 50	38 90	76 80	50 80
Algoma	65 20	77 53	75 02	38 25	63 00	62 31	36 40	102 40	66 03
Group	57 86	64 67	64 89	40 32	68 90	64 96	36 46	88 58	67 25
The Province	48 95	49 21	48 93	48 36	110 74	90 66	54 61	108 44	88 32

VALUES PER ACRE—ALL FIELD CROPS.

TABLE XVII. Showing by County Municipalities and groups of Counties in Ontario the average market value in 1890 and 1891 of all field crops and by groups as in Table XI; also the yearly average of the first group for ten years 1882-91, of the second group for seven years 1885-91, and a yearly average of all crops derived from the aggregate in Table XII and corresponding acreage.

Counties.	Wheat, barley, oats, rye and peas.			Corn, buckwheat, beans, hay, potatoes, carrots and turnips.			All field crops.		
	1891.	1890.	1882-91.	1891.	1890.	1885-91.	1891.	1890.	Yearly average.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	18 59	12 24	15 51	18 66	18 98	19 45	18 63	15 62	17 53
Kent	20 47	14 54	16 05	18 08	20 62	18 79	19 27	17 51	17 34
Elgin	20 77	13 83	15 46	16 82	17 40	18 22	19 00	15 34	16 64
Norfolk	18 07	12 10	13 48	16 13	16 02	16 30	17 25	13 67	14 64
Haldimand	13 73	10 41	12 72	8 63	14 20	13 68	11 79	11 77	13 09
Welland	16 59	10 78	12 83	13 66	15 72	14 93	15 00	13 39	13 95
Group	18 32	12 55	14 52	16 03	17 69	17 26	17 25	14 86	15 76
Lambton	18 94	11 85	14 62	17 10	16 14	17 30	18 18	13 44	15 66
Huron	18 58	14 32	14 96	15 51	22 13	21 11	17 44	17 09	17 07
Bruce	16 99	14 55	14 21	13 12	19 90	19 52	15 49	16 62	16 16
Group	18 10	13 81	14 62	15 06	19 91	19 63	16 93	16 07	16 43
Grey	15 35	12 80	13 19	16 01	24 16	20 48	15 62	17 34	15 99
Simcoe	17 76	13 32	14 67	17 20	20 85	20 00	17 58	15 55	16 25
Group	16 58	13 07	13 92	16 50	22 84	20 29	16 55	16 49	16 11
Middlesex	20 33	14 78	15 40	18 44	19 42	18 92	19 60	16 50	16 68
Oxford	20 03	14 55	15 55	22 18	24 61	23 43	20 87	18 45	18 51
Brant	18 58	14 32	14 96	21 73	27 76	23 09	19 71	19 14	17 81
Perth	20 32	15 17	15 80	18 28	24 94	22 14	19 62	18 56	17 93
Wellington	17 03	13 85	14 56	20 46	28 94	27 15	18 31	19 24	19 05
Waterloo	18 82	14 92	15 95	17 07	26 40	24 71	18 28	18 44	18 70
Dufferin	16 02	12 42	13 52	19 99	24 98	21 50	17 30	16 15	16 09
Group	18 87	14 37	15 17	19 70	24 91	22 98	19 17	18 07	17 90
Lincoln	15 62	11 47	13 77	14 50	16 83	16 05	15 08	13 97	14 90
Wentworth	16 95	12 42	14 53	17 33	26 19	21 39	17 11	17 73	17 25
Halton	16 34	12 51	14 84	14 15	21 50	18 56	15 53	15 44	16 16
Peel	16 76	13 00	15 22	15 69	20 38	18 22	16 45	14 76	16 03
York	18 35	13 13	15 82	17 23	23 02	20 35	17 97	15 95	17 15
Ontario	17 81	11 00	14 87	23 08	33 90	30 38	19 49	18 36	19 56
Durham	16 27	9 97	13 88	18 26	24 77	24 12	16 91	14 52	16 77
Northumberland	14 09	10 68	12 02	13 56	18 83	17 99	13 88	13 71	14 09
Prince Edward	13 56	11 21	11 04	14 40	14 41	14 82	13 91	12 46	12 41
Group	16 57	11 75	14 21	16 81	22 88	20 74	16 66	15 44	16 36
Lennox and Addington	13 67	9 53	11 60	14 39	13 31	14 24	14 06	11 44	12 76
Frontenac	14 36	9 71	11 69	13 83	15 06	13 80	14 06	12 55	12 78
Leeds and Grenville	15 06	9 44	12 31	12 36	14 62	15 35	13 46	12 43	14 02
Dundas	16 97	10 72	13 99	15 37	15 54	18 64	16 10	13 29	16 30
Stormont	16 05	11 68	13 35	14 35	13 62	17 82	15 08	12 80	15 75
Glengarry	15 12	9 78	12 20	10 83	13 19	18 24	12 97	11 52	15 10
Prescott	15 44	10 87	11 88	17 14	14 79	17 90	16 34	12 78	14 75
Russell	16 81	11 99	12 59	17 01	16 47	17 57	16 90	13 95	14 79
Carleton	19 93	11 48	13 86	16 44	17 91	19 11	18 41	14 17	16 01
Renfrew	15 19	11 41	12 80	11 83	14 19	14 12	13 70	12 54	13 37
Lanark	16 54	10 49	12 56	12 62	14 43	16 06	14 60	12 36	14 29
Group	16 08	10 57	12 62	13 85	14 82	16 21	14 93	12 68	14 35
Victoria	16 28	12 08	13 46	14 25	20 30	20 31	15 60	14 52	15 39
Peterborough	14 22	11 42	12 51	11 81	19 47	15 79	13 34	14 06	13 57
Haliburton	12 69	10 90	10 78	10 09	13 98	14 52	11 19	12 50	12 92
Hastings	13 60	11 19	11 95	11 70	16 02	15 27	12 69	13 29	13 27
Group	14 69	11 56	12 59	12 29	17 79	16 51	13 71	13 84	13 99
Muskoka	13 26	11 52	11 45	11 12	19 65	17 70	11 96	16 46	15 45
Parry Sound	11 87	10 97	11 94	14 15	18 22	17 69	13 25	15 15	15 30
Nipissing	13 00	12 17	12 60	14 78	19 12	16 91	14 11	16 67	15 67
Algoma	15 01	13 03	15 55	11 65	20 69	18 31	13 36	16 66	16 82
Group	13 51	11 99	13 22	12 49	19 51	17 83	12 93	16 21	15 85
The Province	17 17	12 54	14 07	15 87	19 87	19 09	16 63	15 42	16 01

FARM WAGES.

TABLE XVIII. Showing by County Municipalities and groups of Counties the average wages of Farm Laborers and Domestic Servants in Ontario in 1890 and 1891.

Counties.	Farm laborers.								Domestics per month with board.	
	Per year—				Per month in working season—					
	With board.		Without board.		With board.		Without board.			
	1891.	1890.	1891.	1890.	1891.	1890.	1891.	1890.	1891.	1890.
	\$	\$	\$	\$	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	163	159	268	253	17 22	16 60	26 70	26 53	6 87	6 71
Kent	166	161	254	256	17 08	17 49	26 10	27 39	6 95	6 81
Elgin	165	158	259	244	17 03	16 89	25 64	25 47	6 34	6 51
Norfolk	154	151	236	235	15 48	15 39	22 96	23 97	5 69	5 63
Haldimand	149	145	251	241	16 79	16 83	25 18	25 67	6 44	6 32
Welland	147	146	249	250	16 19	16 37	24 28	26 93	6 14	6 47
Group	158	154	253	247	16 66	16 65	25 29	25 94	6 39	6 40
Lambton	157	160	274	263	17 46	17 18	26 73	28 21	6 55	6 66
Huron	161	154	252	252	17 02	16 48	26 20	26 15	6 39	6 21
Bruce	157	153	260	256	16 99	16 56	26 00	27 08	6 01	5 83
Group	159	155	260	256	17 13	16 72	26 28	27 04	6 30	6 18
Grey	150	158	254	253	16 56	16 58	26 53	26 32	5 80	5 75
Simcoe	158	152	272	263	18 37	16 92	27 24	26 10	6 22	5 81
Group	153	156	262	257	17 34	16 73	26 86	26 23	5 97	5 77
Middlesex	155	154	257	261	16 11	16 74	24 81	26 90	6 62	6 47
Oxford	155	161	236	248	16 41	16 42	25 29	25 06	6 67	6 39
Brant	154	156	247	250	16 12	16 51	23 84	25 17	6 64	6 50
Perth	157	154	246	240	16 86	16 77	25 53	27 22	6 44	6 33
Wellington	167	160	266	252	17 00	16 38	26 40	26 69	6 33	6 37
Waterloo	154	153	256	251	15 88	15 81	25 62	25 67	6 19	6 13
Dufferin	159	158	251	255	16 43	17 39	27 41	27 82	6 18	6 17
Group	157	157	250	251	16 43	16 54	25 40	26 24	6 46	6 36
Lincoln	159	149	258	245	16 75	17 14	25 26	26 35	6 02	6 03
Wentworth	153	153	256	251	16 97	16 72	26 06	26 59	6 71	6 62
Halton	174	158	279	277	17 13	17 08	26 88	27 81	7 33	7 03
Peel	163	162	277	256	17 96	17 55	27 25	27 10	7 22	6 97
York	167	169	272	264	17 20	17 49	26 80	27 26	6 88	7 04
Ontario	155	166	268	251	16 17	17 15	26 66	27 17	6 12	6 27
Durham	163	154	255	275	15 82	16 01	24 52	26 10	6 36	6 41
Northumberland	160	150	254	245	15 84	16 14	25 20	24 47	6 13	5 69
Prince Edward	163	151	230	218	16 90	15 61	23 95	23 56	5 36	5 48
Group	162	159	262	254	16 76	16 87	25 90	26 34	6 60	6 42
Lennox and Addington	158	155	231	227	16 13	16 48	23 66	24 03	5 08	5 44
Frontenac	150	151	223	254	16 24	17 06	24 57	26 53	5 84	5 95
Leeds and Grenville	156	153	257	243	15 47	16 50	25 10	25 29	6 22	6 57
Dundas	147	148	250	291	15 35	17 47	26 00	29 69	6 30	6 72
Stormont	166	153	252	238	17 86	17 05	26 44	27 15	5 88	6 13
Glengarry	139	151	255	249	15 62	16 95	25 13	27 18	6 10	6 33
Prescott	158	179	251	279	16 34	18 05	23 50	27 68	5 15	4 80
Russell	166	159	249	253	16 73	17 35	26 71	26 76	5 22	5 08
Carleton	150	162	288	261	15 54	17 17	27 41	27 83	6 35	7 08
Renfrew	159	160	285	255	15 57	17 50	25 90	28 87	5 51	5 31
Lanark	149	161	256	254	16 42	17 25	25 86	27 19	5 87	6 59
Group	154	159	254	253	15 99	17 17	25 20	26 86	5 76	6 00
Victoria	159	168	259	263	14 06	17 45	26 96	25 77	5 78	6 19
Peterborough	178	157	270	272	17 21	16 46	27 10	25 75	6 50	6 40
Haliburton	165	153	255	228	17 14	17 69	26 56	26 41	5 63	4 87
Hastings	161	158	250	249	15 70	16 26	24 46	25 19	5 60	5 69
Group	166	160	258	258	15 82	16 77	25 78	25 68	5 90	5 93
Muskoka	166	159	262	252	17 60	19 53	26 76	28 33	6 27	6 46
Parry Sound	173	173	273	298	18 31	18 85	26 86	29 04	5 63	5 85
Nipissing	181	188	298	297	18 31	20 61	28 60	32 28	6 00	6 22
Algoma	166	181	274	257	18 65	20 19	27 20	29 68	6 36	7 24
Group	169	174	273	280	18 19	19 74	27 12	29 59	6 13	6 40
The Province	158	157	257	253	16 66	16 88	25 81	26 56	6 25	6 23

PART IV.

LOAN AND INVESTMENT COMPANIES OF ONTARIO.

STATEMENT OF AFFAIRS.

This report contains the returns received from seventy-one Loan, Building and Investment Companies for the year 1891. In the report for 1890 the returns of sixty-seven similar companies were given. Three companies have disappeared as follows: The Empire Loan Co. of Canada has been sold to the Dominion Savings and Investment Co. of London; the Canada Landed Credit Co. and the National Investment Co. of Toronto have amalgamated; the Dominion Investment Loan and Savings Co. of Ottawa has been wound up. Reports have been received and are here included for the first time from the following: Brockville Loan and Savings Co., Brockville; Home Building and Savings Association, Ottawa; the Industrial Mortgage and Savings Co., Sarnia; the Canadian Mutual Loan and Investment Co., Toronto; the Dominion Building and Loan Association, Toronto; the Toronto Savings and Loan Co., Toronto; the Toronto General Trusts Co., Toronto. Some of the companies are incorporated under Dominion and Imperial charters, and to them our thanks are specially due for reports here included.

The following table gives the subscribed capital, also the assets and liabilities of the 71 companies for 1891, arranged according to the principal headquarters. For comparison there are also given the similar totals for the previous four years:

Location of head office of company.	No. of Cos.	Capital subscribed.	Liabilities to stock-holders.	Liabilities to the public.	Total liabilities or assets.	Secured loan assets.	Property assets.
		\$	\$	\$	\$	\$	\$
Hamilton...	3	2,507,200	2,344,802	3,370,062	5,714,864	5,262,244	452,620
Kingsion...	2	450,000	510,302	502,580	1,012,882	844,201	168,681
London....	8	10,465,500	7,880,790	9,912,231	17,793,021	16,320,900	1,472,121
Ottawa.....	3	622,600	469,514	48,194	517,708	410,940	106,768
St. Thomas..	5	1,958,050	1,214,163	825,176	2,039,339	1,902,136	137,203
Sarnia.....	3	1,160,000	1,243,309	1,126,825	2,370,134	2,217,738	152,396
Stratford...	2	572,400	396,640	502,092	898,732	884,407	14,325
Toronto....	30	52,276,867	25,660,597	50,085,423	75,746,020	66,113,101	9,632,919
Other places	15	6,140,200	4,659,280	6,384,566	11,043,846	10,409,358	634,488
Totals:							
1891	71	76,152,817	44,379,397	72,757,149	117,136,546	104,365,025	12,771,521
1890	67	70,672,710	42,673,552	65,544,199	108,217,751	98,111,032	10,106,719
1889	71	69,694,221	41,629,987	62,967,156	104,597,143	94,666,887	9,930,256
1888	64	67,939,559	40,108,161	59,540,175	99,648,336	89,042,190	10,606,146
1887	55	56,114,310	35,910,563	51,177,104	87,087,667	79,035,804	8,051,863

Comparing the reports of 1887 and 1891 it will be seen that the tendency has been toward the formation of larger companies. The 55 companies in 1887 had an authorised capital of \$79,575,583, and the 71 of 1891 had an authorised capital of \$164,837,249. The number of companies increased by 29 per cent., while the authorised capital increased

by 107 per cent. and the subscribed capital by 36 per cent. This is due partly to the amalgamation of companies, partly to the formation of new companies larger than the previous average, and partly to the development and growth of old companies. The 54 companies that have reported for the five years 1887-91, according to a subsequent table, show an increase in capital subscribed of \$4,332,707. In 1887 out of the 55 companies, 19 had headquarters at Toronto, with a subscribed capital of \$36,434,944; in 1891 out of the 71 companies 30 had headquarters at Toronto, with a subscribed capital of \$52,276,867. The total increase reported amounted to \$20,038,507, of which the Toronto companies contributed 79 per cent. or \$15,841,923.

The amount paid on stock, fully paid and partially paid, in 1887 was 47.7 per cent. of subscribed capital; in 1891 it amounted to 42.5 per cent. The capital subscribed therefore has increased somewhat more rapidly than the payment of stock. The number of companies reporting in 1891 was the same as the number reporting in 1889, but the capital subscribed has increased by \$6,458,596, the amount paid on stock by \$1,136,855 and the total liabilities to stockholders by \$2,749,440 in the same time.

Of the liabilities to the public there has been since 1887 an increase of \$21,580,045, due principally to debentures payable outside of Canada. The deposits increased \$1,073,362 during the year, but were only \$643,352 greater than in 1887. The debentures payable in Canada have increased since 1887 by \$2,410,054, those payable outside of Canada by \$14,311,179. The amount owing to banks was only \$91,480, the lowest reported to us for the five years.

The total assets show an increase of \$8,918,795 over 1890 and of \$30,047,879 over 1887. The increase in four years has been 34.5 per cent. The secured loan assets on real estate apart from that absolutely foreclosed have increased \$6,064,868 from 1890 and \$26,048,482 from 1887. The assets in the shape of municipal and school section securities have slightly increased over 1890, but are \$80,607 less than in 1887. Cash on hand and in banks was \$1,347,044 greater than in 1890, and \$1,890,987 greater than in 1887. Office premises show a steady growth in value. The real estate absolutely foreclosed, according to the returns, has decreased during the past two years, by \$194,585 during 1890 and by \$140,412 during 1891. During 1891, however, the secured loan assets of real estate held under power of sale increased by \$375,041, and the amount chargeable against mortgaged property held for sale by \$445,703.

In harmony with the general reduction in the rate of interest paid by banks and received from investments during the past year the average rate of dividend has declined; in 1887 it was 7.55 per cent.; in 1888, 7.28; in 1889, 7.06; in 1890, 7.21; and in 1891 it dropped to 7.12. Owing to the increased amount of money invested, however, the dividends declared have yearly increased from \$2,021,207 in 1887 to \$2,309,701 in 1891.

The amount of money loaned in 1891 was greater than in 1890, but less than in 1889. The table giving the returns of the 54 companies that have reported for the five years shows, however, that in 1891 they loaned less than during any other year; the increase in loans must consequently be due to the companies lately formed or to those reporting for the first time since 1887. The average amount loaned by these companies for the five years was \$17,732,133, whereas in 1891 they loaned only \$16,797,699, showing a decrease in 1891 of \$1,062,767 below the five years' average, and of \$465,329 below 1890. The decrease is entirely due to the Toronto companies. While the total decrease of loans of these 54 companies was in 1891 \$465,329 below 1890, the 20 Toronto companies decreased their loans at same time by \$1,125,781.

	Total loans.		Average 1887-91.
	1891.	1890.	
20 Toronto Companies.	\$9,820,001	\$10,945,782	\$10,882,768
34 Other " "	6,977,698	6,317,246	6,849,365

From the returns of all the companies reporting it will be seen that the amount received from borrowers (principal and interest) increased \$1,626,655 over 1890. There was received from depositors during the year \$744,170 more than was repaid. The cost of management was \$30,191 more than in 1890 and \$191,206 more

than in 1887. The total amount invested and secured by mortgage shows an increase over 1890 of \$6,127,819, and over 1887 of \$25,785,513. The following statement gives the percentage growth of business from 1890 to 1891 and from 1887 to 1891, first in regard to all the companies reporting from year to year, second in regard to the 54 companies reporting every year. (By amalgamation the 54 companies of 1887 became 52 in 1891.)

	All companies.		54 companies.	
	Increase over—		Increase over—	
	1890.	1887.	1890.	1887.
	%	°/o	°/o	°/o
No. of Companies	5.9	29.1		
Capital subscribed	7.8	35.7	—1.5	7.7
Amount paid on stock	0.5	17.1	0.2	7.5
Reserve Fund.....	6.2	36.0	3.4	27.5
Total liabilities to stockholders.....	4.0	26.4	0.8	11.2
Deposits at end of year	6.2	3.7	4.5	0.8
Debentures payable at end of year.....	6.2	51.9	5.6	32.2
Total liabilities to public	11.0	42.1	4.5	21.4
Loans secured on real estate.....	6.4	34.6	1.9	18.4
Cash on hand.....	45.4	85.9	37.5	62.3
Total assets	8.2	34.5	3.4	17.2
Dividends declared (amount)	3.0	13.7	0.3	6.3
Loans during year	3.1	11.4	—2.7	—2.1
Received from borrowers	7.9	16.4	4.3	5.0
Interest paid and accrued	5.3	29.3	4.8	15.6
Amount chargeable against mortgaged property held for sale.....	14.8	57.6	13.5	36.1
Cost of management	3.6	27.9	—1.2	10.6

LOAN AND INVESTMENT COMPANIES.

List of Companies reporting Statement of Affairs as required by Vict. 54, Chapter 38, Section 23.

Name of Company.	When Organised.	President.	Manager.	Head Office.	For year ending
Barrie Loan and Savings Company.....	April 14, 1881.	N. Dymont.....	Robert Laidlaw.....	Barrie.....	Dec. 31, 1891.
Brackings Loan and Investment Society.....	January, 1876.	Hon. Mackenzie Bowell.....	J. P. C. Phillips.....	Belleville.....	Dec. 31, 1891.
Brockville Loan and Savings Company.....	July 1, 1885.	D. B. Jones.....	G. H. Weatherhead.....	Brockville.....	Dec. 31, 1891.
Royal Loan and Savings Company.....	June 1, 1876.	T. S. Shenston.....	R. S. Schell.....	Brantford.....	Dec. 31, 1891.
Chatham Loan and Savings Company.....	Sept. 28, 1881.	Archibald Bell.....	S. F. Gardner.....	Chatham.....	Dec. 31, 1891.
Huron and Bruce Loan and Investment Company.....	June, 1885.	Joseph Williams.....	Horace Horton.....	Goderich.....	Dec. 31, 1891.
Guelph and Ontario Investment and Savings Society.....	..... 1876.	David Stron.....	William Ross.....	Guelph.....	Dec. 31, 1891.
Hamilton Homestead Loan and Savings Society.....	January 1, 1883.	James E. O'Reilly.....	I. A. Studdart.....	Hamilton.....	Dec. 31, 1891.
Hamilton Provident and Loan Society.....	Sept., 1871.	George H. Gillespie.....	H. D. Cameron.....	Hamilton.....	Dec. 31, 1891.
Landed Banking and Loan Company.....	February, 1871.	Matthew Leggat.....	C. W. Cartwright.....	Hamilton.....	Dec. 31, 1891.
Pontiac Loan and Investment Society.....	December, 1863.	Sir R. J. Cartwright.....	Thomas Briggs.....	Kingston.....	Dec. 31, 1891.
Ontario Building and Savings Society.....	June 26, 1874.	C. V. Price.....	James McArthur.....	Kingston.....	Dec. 31, 1891.
Ontario Loan and Investment Company.....	May, 1872.	William Glass.....	W. A. Lipsey.....	London.....	Dec. 31, 1891.
Agricultural Savings and Loan Company.....	October, 1875.	Robert Fox.....	H. W. Blinn.....	London.....	May 31, 1891.
Dominion Savings and Investment Society.....	April, 1872.	Robert Reid.....	H. E. Nelles.....	London.....	Dec. 31, 1891.
Huron and Erie Loan and Savings Company.....	1864.	John W. Little.....	George A. Sonerville.....	London.....	Dec. 31, 1891.
London Loan Company.....	1877.	Thomas Kent.....	Malcolm John Kent.....	London.....	Dec. 31, 1891.
Ontario Investment Association.....	April, 1880.	John Wright.....	A. T. McMahon.....	London.....	Dec. 31, 1891.
Ontario Loan and Debenture Company.....	1870.	Joseph Jeffery.....	William F. Bullen.....	London.....	Dec. 31, 1891.
Royal Standard Loan Company.....	August, 1877.	George Taylor.....	D. McMillan.....	London.....	Dec. 31, 1891.
Orangeville Building and Loan Association.....	1873.	F. C. Stewart.....	Francis Irwin.....	Orangeville.....	Dec. 31, 1891.
Ontario Loan and Savings Company.....	February, 1873.	W. F. Cowan.....	T. H. McMillan.....	Oshawa.....	Dec. 31, 1891.
Home Building and Savings Association.....	Sept. 1890.	John R. Armstrong.....	C. A. Douglas.....	Ottawa.....	Aug. 31, 1891.
Metropolitan Loan and Savings Company.....	August, 1870.	H. V. Noel.....	C. R. Cunningham.....	Ottawa.....	Dec. 31, 1891.
Ottawa Building and Loan Society.....	June 6, 1884.	A. Smilde.....	C. A. Douglas.....	Ottawa.....	May 31, 1891.
Owen Sound, Grey and Bruce Loan and Savings Company.....	April 15, 1889.	William Roy.....	W. P. Tellord.....	Owen Sound.....	Dec. 31, 1891.
Central Canada Loan and Savings Company.....	April 1, 1884.	George A. Cox.....	Fred. G. Cox.....	Peterborough.....	Dec. 31, 1891.
Crown Savings and Loan Company.....	Jan. 30, 1882.	John H. Fairbank.....	John Fraser.....	Peterborough.....	Dec. 31, 1891.
Midland Loan and Savings Company.....	..... 1873.	John Mulligan.....	George M. Furby.....	Port Hope.....	Dec. 31, 1891.
Security Loan and Savings Company.....	March 16, 1870.	Thomas K. Merritt.....	E. F. Dwyer.....	St. Catharines.....	Dec. 31, 1891.
Atlas Loan Company.....	August, 1887.	George Scott.....	A. E. Wallace.....	St. Thomas.....	Dec. 31, 1891.
Elgin Loan and Savings Company.....	May 1, 1879.	Edward Miller.....	George Rowley.....	St. Thomas.....	Dec. 31, 1891.
Southern Loan and Savings Company.....	..... 1870.	Samuel Eccles.....	J. W. Stewart.....	St. Thomas.....	Dec. 31, 1891.
Southern Farmers' and Mechanics' Savings and Loan Society.....	Feb. 18, 1875.	E. W. Gustin.....	W. E. Leonard.....	St. Thomas.....	Dec. 31, 1891.
Star Loan Company.....	August 31, 1881.	Hon. David Mills.....	D. M. Tait.....	St. Thomas.....	Feb. 29, 1892.
Huron and Lambton Loan and Savings Company.....	Nov., 1877.	James Flinford.....	Michael Fleming.....	Sarnia.....	Dec. 31, 1891.
Industrial Mortgage and Savings Company.....	.....	J. F. Lister, M.P.....	J. S. Symington.....	Sarnia.....	Dec. 31, 1891.

Lambton Loan and Investment Company	1844.	Charles Mackenzie, M.P.P.	Robert S. Gurd.	Sarnia.	June 30, 1891.
British Mortgage Loan Company	October, 1877.	Hon. Thomas Ballantyne.	William Buckingham.	Stratford.	Dec. 31, 1891.
Stratford Building and Savings Society.	August 22, 1889.	W. R. Tiffin.	D. B. Burritt.	Stratford.	Sept. 30, 1891.
Bristol and West of England Canadian Land Mortgage and Investment Company.	March 25, 1878.	{ Sir George W. Edwards. T. S. Stayner.	Wm. Smith & Co.	Stratford, Eng.	Dec. 31, 1891.
British Canadian Loan and Investment Company	July 1, 1877.	A. H. Camibell.	R. H. Tomlinson.	Toronto.	Dec. 31, 1891.
Building and Loan Association.	March 1, 1870.	Larrett W. Smith, Q.O.	Walker Gillespie.	Toronto.	Dec. 31, 1881.
Canadian Homestead Loan and Savings Association.	Sept., 1880.	John Hillcock.	A. J. Pattison.	Toronto.	Sept. 30, 1891.
Canadian Mutual Loan and Investment Company.	June 14, 1890.	C. H. A. Williams.	Arthur J. Jackson.	Toronto.	July 31, 1891.
Canada Landed and National Investment Company.	1858	John L. Blake.	Andrew Rutherford.	Toronto.	Dec. 31, 1891.
Canada Permanent Loan and Savings Company	1855	J. Herbert Muson.	John Herbert Mason.	Toronto.	Dec. 31, 1891.
City and County Loan Association.	Jan. 26, 1889.	Ambrose Kent.	John C. Laidlaw.	Toronto.	Dec. 31, 1891.
Dominion Building and Loan Association.	July 1, 1890.	F. A. Hall.	Joseph Blakeley.	Toronto.	April 30, 1891.
Dovercourt Land, Building and Savings Society	Dec. 16, 1855.	James Brandon.	James T. Locke.	Toronto.	Dec. 31, 1891.
Farmers' Loan and Savings Company.	October, 1871.	William Mulock, M.P.	George S. C. Bethune.	Toronto.	April 30, 1891.
Freehold Loan and Savings Company.	May, 1859.	C. H. Gorderham.	Hon. S. F. Wood.	Toronto.	April 30, 1891.
Home Savings and Loan Company.	April, 25, 1877.	Hon. Frank Smith.	James Mason.	Toronto.	Dec. 31, 1891.
Imperial Loan and Investment Company.	Sept. 14, 1869.	James Thorburn, M.D.	E. H. Kerland.	Toronto.	Dec. 31, 1891.
Land Security Company.	December, 1873.	Major George Greig.	Wm. Innes Mackenzie.	Toronto.	Dec. 31, 1891.
London and Canadian Loan and Agency Company.	Jan. 1, 1873.	Sir W. P. Howland, C. B.	James Ferrier Kirk.	Toronto.	Aug. 31, 1891.
London and Ontario Investment Company.	May 15, 1877.	Hon. Frank Smith.	Alfred M. Cosby.	Toronto.	June 30, 1891.
North British Canadian Investment Company.	Oct. 14, 1876.	Peter Sturrock.	James L. Scarth.	Toronto.	Dec. 31, 1891.
North of Scotland Canadian Mortgage Company.	Dec. 17, 1875.	James W. Barclay, M.P.	William Smith.	Glasgow, Scot.	Nov. 11, 1891.
Ontario Industrial Loan and Investment Company.	January 5, 1880.	William Booth.	Oster & Hammond.	Aberdeen, Scot.	Dec. 31, 1891.
People's Loan and Deposit Company.	March, 1875.	William Elliot.	E. T. Lightbourn.	Toronto.	Dec. 31, 1891.
Real Estate Loan Company of Canada.	December, 1879.	T. R. Wadsworth.	James Watson.	Toronto.	Dec. 31, 1891.
Scottish Ontario and Manitoba Land Company.	Dec. 15, 1879.	Robert Young.	B. Norton.	Toronto.	Dec. 31, 1891.
Sons of England Building, Loan and Savings Association.	April 30, 1889.	S. B. Pollard, M. D.	James L. Scarth.	Glasgow, Scot.	Dec. 31, 1891.
Toronto Land and Loan Company.	May 27, 1881.	Arthur Harvey.	F. J. Davis.	Toronto.	Dec. 31, 1891.
Toronto Savings and Loan Company.	June 15, 1885.	Robert Jaffray.	W. C. Beedome.	Toronto.	Aug. 31, 1891.
Toronto General Trusts Company.	February, 1882.	Hon. Edward Blake, Q.C.	A. E. Ames.	Toronto.	Dec. 31, 1891.
Trust and Loan Company of Canada.	October 1, 1851.	Charles Morrison.	J. W. Langmuir.	Toronto.	Mch. 31, 1892.
Union Loan and Savings Company.	March, 1865.	James McGee.	William B. R. Simpson.	London, Eng.	Sept. 30, 1891.
Western Canada Loan and Savings Company.	March, 1863.	Hon. George W. Allan.	Richard J. Evans.	Toronto.	Dec. 31, 1891.
Oxford Permanent Loan and Savings Society.	1865.	William Grey.	William Maclean.	Toronto.	Dec. 31, 1891.
			Walter S. Lee.	Woodstock.	Dec. 31, 1891.
			William Grey.		

LOAN AND INVESTMENT COMPANIES.

TABLE I. Statement of affairs showing the capital stock, liabilities and assets of 71 Loan and Investment Companies in the Province of Ontario for the year 1891, as required to be furnished by Chapter 169, Section 83, R. S. O. 1887, or by provisions of special charters; also a miscellaneous summary of the business transacted by each company during the year.

Schedule.	Barrie Loan,	Hastings Loan,	Royal Loan,	Brookville Loan,	Chatham Loan,	Huron and Bruce Loan, (Godenich,	Guelph and Ontario,	Hamilton Prov. and Hamilton,	Hamilton Homestead, Hamilton,	Landed Bank- ing, Hamilton.
<i>Capital Stock.</i>										
Capital authorised	250,000	250,000	500,000	500,000	1,000,000	500,000	1,000,000	1,500,000	1,000,000	700,000
Capital subscribed	250,000	225,000	500,000	250,000	333,300	233,200	600,000	1,500,000	307,200	700,000
<i>Liabilities.</i>										
<i>Liabilities to Stockholders:</i>										
Stock fully paid up	117,500	202,585	497,900	124,145	138,862	122,400	34,100	1,000,000	75,722	627,700
Stock on which has been paid			1,836			46,207	50,000	100,000		23,653
Accumulating stock							1,969			118,000
Reserve fund	8,500	18,000	88,000	7,007	8,400		124,000	275,000		18,769
Dividends declared and unpaid	4,112	6,059	17,469			5,016	15,685	38,500		9,338
Contingent fund and unappropriated profits	1,243	3,132	8,725	500		2,376	2,436	26,485	31,735	
Total	131,355	229,776	613,330	131,652	147,262	175,999	537,190	1,439,985	107,457	797,360
<i>Liabilities to the public:</i>										
Deposits	26,481	133,079	427,046	77,407	240,880	99,751	483,213	1,072,158		560,186
Debentures payable in Canada	15,066		281,161		1,423		524,546	162,167		293,230
Debentures payable elsewhere		48,667						*1,083,417		193,723
Interest on debentures due and accrued			4,546				12,227	11,811		5,857
Interest on deposits due and accrued			2,765	2,023		4,189	8,694			763
Owing to banks										
Other liabilities								44,956		1,794
Total	41,547	181,746	716,118	79,430	242,303	103,940	1,028,680	2,374,509		995,553
<i>Assets.</i>										
<i>Secured loan assets:</i>										
Real estate of—										
General borrowers	170,668	355,835	1,152,375	178,321	356,489	259,988	1,515,433	3,237,815	102,363	1,652,354
Directors and executive officers of company									1,000	1,863
Held under power of sale		22,500	16,772	16,389	14,636			165,779		36,226
Shareholders' stock		700	6,436	7,205			3,512	7,424		523
Directors and officers of company on their stock			1,345					523		
Otherwise secured			433	243			2,140	54,991		1,906
Total	170,668	379,033	1,177,961	202,168	371,125	259,988	1,521,085	3,466,532	103,363	1,692,349

Property assets :											
Municipal and school section securities, cash value.											
Office furniture and fixtures			231	293				6,656	104,601		13,505
Cash on hand	177	1,638	1,861	367	2,198	1,852			5,778	200	14,146
Cash in banks	2,057	9,223	18,256	8,264	6,690	14,644			41,083	721	36,283
Special deposit in banks		20,069	130,000						100,000		25,000
Office premises									89,000		3,980
Real estate absolutely foreclosed.										1,400	7,700
Real estate otherwise acquired.									7,500	1,773	
Other property			1,739								
Total	2,234	32,487	152,087	8,924	18,440	19,951		44,785	347,962	4,094	100,564
Grand total assets or liabilities.	172,902	411,522	1,329,448	211,082	389,565	279,939		1,565,870	3,814,494	107,457	1,792,913
<i>Miscellaneous.</i>											
Dividends declared in year.	7.	6.	7.	6.	7.	6.		8.	7.		6.
{ Rate per cent.											
{ Amount	8,225	11,982	34,860	7,372	9,129	9,941		30,602	77,000		39,126
Loaned during the year.	9,085	96,396	155,242	41,427	90,957	29,143		356,906	747,150	17,364	385,308
Received from borrowers (principal and interest).	30,784	94,181	280,544	45,327	79,234	36,468		274,250	901,032	5,936	477,941
Received from depositors.	35,757	140,882	691,653	51,733	479,551	108,950		336,404	969,071	+24,861	1,136,440
Re-paid depositors.	40,268	133,879	671,451	50,273	470,182	103,218		836,288	945,231	+32,399	1,219,508
Debentures issued	15,000		111,844		400			149,244	15,180		139,403
Debentures repaid			101,069		100			127,183	89,373		76,557
Debentures to mature within one year	15,000		93,590		1,000			35,955	198,958		72,191
Average rate of interest	5.00	5.00	4.75		4.50			4.73	4.18		4.82
{ For debentures.	4.00	4.00	4.00	4.	4.00	4.25		4.00	3.86		4.07
{ For deposits.											
Interest paid and accrued.	329	2,433	17,051		46			24,798	54,731		21,060
{ On debentures.	1,842	4,494	19,832	3,014	9,131	4,189		17,519	40,020		18,953
{ On deposits.											
Cost of management	987	2,925	6,585	1,433	4,305	1,465		8,548	32,133	1,360	12,905
Invested and secured by mortgage	170,668	378,335	1,169,147	194,710	371,125	259,988		1,515,433	3,275,321	+103,363	1,429,610
{ In Ontario									128,273		260,833
{ Elsewhere											
Mortgages by instalments	528		23,379	28,372	64,281	259,988		204,032	2,340,334		48,809
Mortgages at stated period	170,140	378,335	1,145,768	166,338	306,844			1,311,401	1,063,260	103,363	1,641,694
Average interest on total amount secured by mortgage.	6.75	6.85	6.32	6.50	6.90	6.50		6.28	6.42		6.73
Average interest on amount loaned on mortgage in year	6.00	6.50	6.20	6.50	6.57	6.00		6.16	6.28		6.69
Mortgages on which compulsory			13	2	5				70		38
proceedings have been taken			27,009	3,391	14,382				127,025		58,806
{ Number											
{ Amount.											
Value of mortgaged property held for sale.		32,000	18,374	22,100	16,800				165,779		36,226
Amount chargeable against such property		22,500	16,772	16,389	14,636				165,779		36,226

* Including \$378,383 debenture stock.

† Members only for dues and withdrawals

‡ In City of Hamilton only.

TABLE I. LOAN AND INVESTMENT COMPANIES.—Continued.

Schedule.	Frontenac Loan, Kingston.	Ontario Building, Kingston.	Agricultural Savings, London.	Canadian Savings, London.	Dominion Savings, London.	Huron and Breit Loan, London.	London Loan, London.	Ontario Investment, London.	Ontario Loan, London.	Royal Standard, London.
<i>Capital Stock.</i>										
Capital authorised	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Capital subscribed	Unlimited, 200,000	250,000 250,000	1,000,000 630,200	Unlimited 750,000	1,000,000 1,000,000	2,500,000 2,500,000	Unlimited 673,700	8,000,000 2,663,600	Unlimited 2,000,000	1,000,000 240,000
<i>Liabilities.</i>										
<i>Liabilities to Stockholders:</i>										
Stock fully paid up	200,000	250,000	618,600	713,700	931,700	1,000,000	646,600	693,257	1,000,000	
Stock on which has been paid			6,179	5,819	267	267	2,151		200,000	180,557
Accumulating stock			105,000	187,500	10,000	672,000	67,000			3,078
Reserve fund	30,000		21,617	22,214	25,235	58,527			400,000	19,500
Dividends declared and unpaid	5,082	6,330	1,426			3,433	329		42,000	5,400
Contingent fund and unappropriated profits	4,612	14,278							266	1,494
Total	239,694	270,608	752,752	929,233	997,192	1,963,960	713,080	693,257	1,642,266	210,050
<i>Liabilities to the public:</i>										
Deposits	274,876	226,162	559,641	691,095	669,357	1,296,990	615,848	1,881	470,233	178,477
Debentures payable in Canada			204,670	127,286	90,911	531,819	100,476		117,280	17,404
Debentures payable elsewhere			159,080	36,500	874,709	1,210,959	68,863		1,364,889	
Interest on debentures due and accrued			4,343	3,413	7,223	19,868	3,072		15,957	437
Interest on deposits due and accrued						497				
Owing to banks										
Other liabilities	27	1,515	1,451	63	225			+136,525		
Total	274,903	227,677	929,785	858,357	1,612,425	3,090,133	788,259	438,406	1,968,359	196,507
<i>Assets.</i>										
<i>Secured loan assets:</i>										
Real estate of —										
General borrowers	329,699	352,882	1,517,024	1,638,197	2,291,682	4,754,119	1,332,553	293,291	3,355,967	319,405
Directors and executive officers of company	3,561	3,995					3,340		724	2,083
Held under power of sale	42,632	49,172	24,485	27,495	206,359	6,500	21,179	17,703	25,539	21,400
Shareholders' stock	10,216	6,412	17,751	60,759	65,268		33,645	21,262	2,927	18,618
Directors and officers of company on their stock	24,921	10,593		2,609			61,425		10,606	8,589
Otherwise secured		10,118		641	21,005			132,140		5,140
Total	411,029	433,172	1,559,260	1,729,701	2,584,374	4,760,619	1,452,142	464,396	3,395,163	375,245

Property assets:										
Municipal and school section securities, cash value	5,237	1,632	938	67,505	400	3,928	300			
Office furniture and fixtures	87	500	1,000	6,443	10,132	215				
Cash on hand	41	3,288	302	6,443	40,217	128,546	30,797			
Cash in banks	53,677	56,460	31,983	74,719	8,982	72,000				
Special deposit in banks	25,000	25,000	24,968	125,807	19,000	5,100				
Office premises	31,694	7,929	27,014	5,100	738					
Real estate absolutely foreclosed	1,576	7,929	1,418	632,171	10,250					
Real estate otherwise acquired	399	408	1,418	632,171	10,250					
Other property	42,513	408	1,418	632,171	10,250					
Total	103,568	123,277	57,889	293,474	52,197	215,462	31,312			
Grand total assets or liabilities	514,597	1,682,537	1,787,590	5,054,093	1,504,339	3,610,625	406,557			
Miscellaneous.										
Dividends declared in year	5	7	7	9	7	7	6			
{ Rate per cent.										
{ Amount.	10,000	43,697	50,455	117,000	44,916	84,000	10,967			
Loaned during the year	147,916	179,060	218,478	706,005	506,713	3,493	86,940			
Received from borrowers (principal and interest)	120,243	251,462	39,408	733,208	391,889	164,750	98,313			
Received from depositors	401,448	605,871	939,460	1,470,996	981,252	656,355	242,225			
Repaid depositors	389,045	628,663	911,402	1,348,366	815,189	563,353	201,059			
Debentures issued	161,507	161,507	35,300	79,749	86,460	324	600			
Debentures repaid	111,387	111,387	72,803	366,563	68,900	230,200	600			
Debentures to mature within one year	93,657	87,900	154,147	369,370	39,700	89,357	600			
Average rate of interest	4.00	4.71	4.83	4.27	4.82	4.22	5.00			
{ For debentures		4.18	4.24	4.00	4.75	4.21	4.28			
{ For deposits	9,500	16,260	8,572	72,006	9,903	61,288	888			
Interest paid and accrued	8,288	22,126	28,400	48,633	22,438	19,294	6,658			
{ On debentures	4,040	10,737	10,574	30,330	5,559	24,239	2,238			
{ On deposits	406,049	1,541,509	1,665,692	4,760,619	1,357,072	295,480	342,888			
Cost of management	280,708	375,892	1,633,313	745,346	986,258	1,418,090	1,845			
Invested and secured by mortgage	36,184	250,240	1,633,313	4,013,273	370,814	1,964,140	341,043			
{ In Ontario	6.10	6.25	6.41	6.27	6.20	6.29	6 to 9			
{ Elsewhere	6.03	6.07	6.18	6.16	6.00	6.06	6.13			
Mortgages by instalments	375,892	250,240	1,633,313	745,346	986,258	1,418,090	1,845			
Mortgages as stated period	6.10	6.25	6.41	6.27	6.20	6.29	6 to 9			
Average interest on total amount secured by mortgage	6.03	6.07	6.18	6.16	6.00	6.06	6.13			
Average interest on amount loaned on mortgage in year	6.10	6.25	6.41	6.27	6.20	6.29	6 to 9			
Mortgages on which compulsory proceedings have been taken	43,000	21,485	29,270	6,500	24,107	17,703	21,400			
{ Number	42,632	21,485	27,495	6,500	21,179	17,703	21,400			
{ Amount	43,000	21,485	29,270	6,500	21,179	17,703	21,400			
Value of mortgaged property held for sale	42,632	21,485	27,495	6,500	21,179	17,703	21,400			
Amount chargeable against such property	42,632	21,485	27,495	6,500	21,179	17,703	21,400			

*Including \$630,971 estimated loss in realising on assets.

†In liquidation, including \$431,425 owing to Dominion Savings.

TABLE I. LOAN AND INVESTMENT COMPANIES. -Continued.

Schedule.	Orangeville Building, Orangeville.	Ontario Loan, Oshawa.	Home Building and Savings, Ottawa.	Metropolitan Loan, Ottawa.	Ottawa Building, Ottawa.	Owen Sound, Grey and Bruce Loan, Owen Sound.	Central Canada Loan, Peterborough.	Crown Savings, Petrolia.	Midland Loan, Port Hope.	Security Loan, St. Catharines.
<i>Capital Stock.</i>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Capital authorised.....	50,000	300,000	1,000,000	320,000	Unlimited	300,000	5,000,000	1,000,000	465,000	300,000
Capital subscribed.....	24,550	300,000	124,000	320,000	178,600	259,500	2,000,000	182,200	465,000	275,000
<i>Liabilities.</i>										
Liabilities to stockholders:										
Stock fully paid up.....	15,450									
Stock on which has been paid.....	6,234	299,235	6,844	310,560	99,012	60,845	300,000	115,000	310,000	
Accumulating stock.....				32				28,974	31,000	274,256
Reserve fund.....	351	75,000		30,000				11,500	71,000	
Dividends declared and unpaid.....				9,318		2,605	24,000	4,281	11,550	8,228
Contingent fund and unappropriated profits.....	1,096	6,000	135	13,355	278	98	20,000	422	5,849	3,351
Total.....	23,131	380,235	6,979	363,245	99,290	101,748	1,044,000	160,177	429,399	286,435
Liabilities to the public:										
Deposits.....		293,517								
Debentures payable in Canada.....		170,300		45,396		24,513	470,565	44,873	248,305	307,832
Debentures payable elsewhere.....							419,250	18,900	563,828	21,279
Interest on debentures due and accrued.....		63					1,185,763			
Interest on deposits due and accrued.....							21,214	488	15,168	
Owing to banks.....		55,710	640		2,000	297				
Other liabilities.....	53				158	3,356				
Total.....	53	519,590	640	45,396	2,188	31,729	2,119,873	64,261	827,301	329,111
<i>Assets.</i>										
Secured loan assets:										
Real estate of —										
General borrowers.....	22,735	709,646	7,350	281,758	66,900	133,028	2,220,876	198,539	1,102,323	491,008
Directors and executive officers of company.....		2,642			34,200					
Held under power of sale.....		75,000					18,374		42,891	62,866
Shareholders' stock.....		3,041		9,797					10,474	4,876
Directors and officers of company on their stock.....		8,590		10,420					6,100	
Otherwise secured.....		13,434	185		330		* 849,777		1,685	11,724
Total.....	22,735	812,373	7,535	301,975	101,430	133,028	3,089,027	198,539	1,163,473	570,574

Property assets:									
Municipal and school section securities, cash value.				523				4,772	784
Office furniture and fixtures				460				14	800
Cash on hand		500					25		6,514
Cash in banks	449	1,136					151		58,430
Special deposit in banks		2,972		6,089	18			21,113	68,130
Office premises		50,000							6,767
Real estate absolutely foreclosed		11,000		16,816					9,748
Real estate otherwise acquired				82,778					14,157
Other property		21,884					273		2,589
Total	449	87,512	84	106,666	18		449	25,899	93,227
Grand total assets or liabilities	23,184	899,885	7,619	408,641	101,448		133,477	224,438	1,256,700
<i>Miscellaneous.</i>									
Dividends declared in year	5.	7.		6.			6.	6.	7.
{ Rate per cent.									
{ Amount.		20,951		18,635			4,722	8,384	23,100
Loaned during the year	4,867	71,147	7,350	39,363	20,200		52,988	29,753	223,738
Received from borrowers (principal and interest)	5,983	116,121		62,737	7,137		12,642	40,290	196,813
Received from depositors		281,660		56,982			113,584	55,841	453,984
Repaid depositors		255,314		57,756			105,640	64,925	433,048
Debentures issued		137,700						30,100	356,363
Debentures repaid		153,592						11,800	266,572
Debentures to mature within one year								2,000	310,647
Average rate of interest		5.00						5.00	4.72
{ For debentures.									
{ For deposits		4.00		4.00			4 to 5	4.00	4.08
Interest paid and accrued		6,015						582	15,919
{ On debentures.		16,227		1,447			1,398	1,549	9,513
{ On deposits									
Cost of management	113	5,536	335	2,045	518		1,065	1,184	7,300
Invested and secured by mortgages.	22,735	787,288	7,350	281,758	101,100		133,028	198,539	1,145,214
{ In Ontario.									
{ Elsewhere									
Mortgages by instalments	3,293	300,000	7,350	7,400	101,100		11,145	198,539	13,845
Mortgage at stated periods	19,442	487,288		274,358			121,883		1,131,869
Average interest on total amount secured by mortgage.	5.60	6.25	8.00	6.50	6.50		6 to 8	6.70	6.60
Average interest on amount loaned on mortgage in year.	6.50	6.25	8.00	6.75	6.75		6½ to 7	6.40	6.50
Mortgages on which compulsory proceedings have been taken.				2					14
{ Number.									
{ Amount.				15,436					28,663
Value of mortgaged property held for sale		75,000							37,051
Amount chargeable against such property		75,000							42,891

* On collateral of stocks, bonds and debentures.

TABLE I. LOAN AND INVESTMENT COMPANIES—Continued.

Schedule.	*Atlas Loan, St. Thomas.	Virgin Loan, St. Thomas.	Southern Loan, St. Thomas.	Southwestern, Farmers' and St. Thomas.	Star Loan, St. Thomas.	Huron and Lambton Loan, Sarnia.	Industrial Mortgage, Sarnia.	Lambton Loan, Sarnia.	British Mortgage, Stratford.	Stratford Building, Stratford.
<i>Capital Stock.</i>	%	%	%	%	%	%	%	%	%	%
Capital authorised	2,000,000	625,000	Unlimited	Unlimited	270,000	1,000,000	500,000	1,000,000	5,000,000	Unlimited
Capital subscribed	550,000	625,000	400,000	141,550	241,500	500,000	160,000	500,000	450,000	122,400
<i>Liabilities.</i>										
<i>Liabilities to Stockholders :</i>										
Stock fully paid up			400,000	135,600	154,400		114,700		139,800	
Stock on which has been paid	184,657	188,792		2,761	28,821	289,950	21,885	496,011	168,397	14,424
Accumulating stock				4		87,269				
Reserve fund	2,500	19,000	63,000	9,700	11,000	54,200	5,004	222,000	62,000	
Dividends declared and unpaid				4,130					10,775	123
Contingent fund and unappropriated profits	672	849	4,306	856	3,115	15		2,325	621	500
Total	187,829	208,641	467,306	153,051	197,336	381,434	141,539	720,336	381,393	15,047
<i>Liabilities to the public :</i>										
Deposits	154,667	126,552	266,406	111,652	142,785	340,508	143,682	435,720	482,882	
Debentures payable in Canada	22,800					19,110		174,700		
Debentures payable elsewhere							204	3,313		
Interest on debentures due and accrued									18,519	
Interest on deposits due and accrued							6,008	3,560		400
Owing to banks					314					291
Other liabilities										691
Total	177,467	126,552	266,406	111,652	143,099	340,508	169,004	617,318	501,401	
<i>Assets.</i>										
<i>Secured loan assets :</i>										
Real estate of—										
General borrowers	360,847	287,375	673,541	215,112	284,732	563,684	283,068	1,207,787	842,945	15,325
Directors and executive officers of company		2,375						5,199	8,377	
Held under power of sale		14,300	14,710		17,500			14,633	15,200	
Shareholders' stock		335	6,434	1,528	14,870	41,153	1,925	22,448	2,560	
Directors and officers of company on their stock		517	822	2,113	868			4,524		
Otherwise secured						72,167	1,200			
Total	361,182	308,724	695,507	218,758	317,970	677,004	286,193	1,254,541	869,082	15,325

Property assets:										
Municipal and school section securities, cash value										
Office furniture and fixtures										67,955
Cash on hand									850	1,000
Cash in banks				253					8,500	6,153
Special deposit in banks	4,114			32,252				1,200		13,912
Office premises		4,007						43,738		
Real estate absolutely foreclosed		20,000							15,000	
Real estate otherwise acquired								3,025		8,000
Other property		2,402								
				8,209				74		248
Total	4,114	26,469	38,205	45,950	22,465	44,938	24,350	83,108	13,912	413
Grand total assets or liabilities										
	365,296	335,193	733,712	264,703	340,435	721,942	310,543	1,337,649	882,994	15,738
Miscellaneous.										
Dividends declared in year	6	6	7	6½	6	7	6	8	7	5. and 6.
	10,123	11,190	28,000	8,932	10,770	22,925	7,391	39,448	21,453	530
Loaned during the year	143,468	37,400	93,859	35,337	54,967	80,352	136,411	133,649	186,127	8,225
Received from borrowers (principal and interest)	53,400	70,764	130,525	46,581	59,673	158,690	52,710	211,193	213,386	2,210
Received from depositors	373,130	228,772	300,672	115,433	131,051	335,439	242,476	532,576	609,293	
Repaid depositors	333,649	230,776	285,419	96,167	116,924	340,143	200,454	539,247	569,672	
Debentures issued	17,800						17,410	72,230		
Debentures repaid							1,500	86,969		
Debentures to mature within one year								75,110		
Average rate of interest.	5.00						5.00	4.19		
	4.36	4.25	4.00	4.11	4.25	4.57	4.00	3.88	4.00	
Interest paid and accrued	615	5,633	10,059	3,771	5,274	11,437	547	7,315		
	4,104						4,265	16,889	18,519	
Cost of management	1,843	2,023	4,322	2,038	1,918	4,008	1,891	4,989	5,509	255
Invested and secured by mortgage.	360,847	304,250	688,251	215,112	302,231	563,684	283,068	1,227,569	866,522	15,325
Mortgages by instalments	323,012	214,250	342,157	153,797						14,325
Mortgages at stated period	37,805	90,000	346,094	61,315	302,231	563,684	283,068	1,227,569	866,522	1,000
Average interest on total amount secured by mortgage.	6.41	6.25	6.40	6.60	6.35	6.25	6.13	6.25	6.22	6.50
Average interest on amount loaned on mortgage in year	6.38	6.25	6.13	6.20	6.20	6.00	6.00	6.25	6.05	6.50
Mortgages on which compulsory proceedings have been taken	1	1	5	1	4		1	6	8	
	7,525	3,939	11,117	340	24,000		2,400	14,321	26,884	
Value of mortgaged property held for sale		15,000	14,710		21,000			15,850	15,200	
Amount chargeable against such property.		14,300	14,710		17,500			14,635	15,200	

* St. Thomas Loan Co. in 1890.

TABLE I.—LOAN AND INVESTMENT COMPANIES.—Continued.

Schedule.	Bristol and West of England, Toronto.	British Canadian, Toronto.	Building and Loan, Toronto.	Canadian Home-stead, Toronto.	Canadian Mutual Loan, Toronto.	Canada Landed and National Investment, Toronto.	Canada Permanent, Toronto.	City and County Loan, Toronto.	Dominion Building and Loan, Toronto.	Dovercourt Land, Toronto.
<i>Capital Stock.</i>										
Capital authorised	2,433,333	5,000,000	750,000	1,000,000	50,000,000	4,000,000	5,000,000	500,000	5,000,000	500,000
Capital subscribed	680,117	1,620,000	750,000	581,320	1,296,800	2,008,000	5,000,000	43,450	2,745,700	61,550
<i>Liabilities.</i>										
<i>Liabilities to stockholders :</i>										
Stock fully paid up	136,033	322,623	750,000	97,400	16,835	1,004,000	2,000,000	7,200	500	63,650
Stock on which has been paid	136,033	322,623	750,000	97,400	16,835	1,004,000	2,000,000	15,917	105,863	63,650
Accumulating stock	19,467	90,000	112,000	22,400	13,208	325,000	1,415,000	1,150	25,000	25,000
Reserve fund	19,467	11,291	22,400	22,400	857	37,798	156,053	1,150	2,297	2,297
Dividends declared and unpaid	8,980	9,378	45,221	18,114	1,255	149	117,252	500	3,155	11,103
Contingent fund and unappropriated profits	8,980	9,378	45,221	18,114	1,255	149	117,252	500	3,155	11,103
Total	161,470	433,298	929,721	115,514	38,155	1,366,947	4,318,305	24,737	109,458	101,979
<i>Liabilities to the public :</i>										
Deposits	1,087,021	10,430	178,984	15,484	.....	162,087	911,379	.....	.....	.....
Debentures payable in Canada	1,087,021	181,383	150,075	15,484	.....	162,087	417,502	.....	.....	.....
Debentures payable elsewhere	11,727	1,321,640	535,795	.....	.....	2,634,280	\$6,251,715	.....	.....	2,000
Interest on debentures due and accrued .....	.....	15,960	.....	.....	.....	19,464	40,713	.....	.....	12
Interest on deposits due and accrued .....	.....	.....	.....	.....	.....	.....	141,222	.....	.....	.....
Owing to banks	8,434	2,820	855	.....	.....	32,269	10,937	315	.....	17,082
Other liabilities .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,107,182	1,535,233	866,709	15,484	.....	2,848,100	7,773,408	315	.....	19,094
<i>Assets.</i>										
<i>Secured loan assets :</i>										
Real estate of —										
General borrowers	1,216,988	1,771,921	1,448,921	123,125	33,386	8,723,409	10,938,671	23,061	92,673	69,756
Directors and executive officers of company .....	.....	.....	.....	.....	.....	.....	.....	800	.....	.....
Held under power of sale	38,404	118,785	.....	.....	.....	256,714	389,753	.....	.....	.....
Shareholders' stock .....	.....	1,300	7,812	.....	360	.....	22,904	.....	.....	.....
Directors and officers of company on their stock .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Otherwise secured .....	.....	.....	.....	205	.....	20,143	25,000	.....	1,559	256
Total	1,255,392	1,892,006	1,456,733	123,330	33,686	4,000,356	11,376,328	23,861	94,232	70,012

Property assets :										
Municipal and school section securities, cash value	1,945								197,484	64
Office furniture and fixtures	446	125							851	56
Cash on hand	2,891	759	318						784	56
Cash in banks	56,184	38,558	4,002						302,150	143
Special deposit in banks		15,000							90,000	415,027
Office premises		80,000							40,000	
Real estate absolutely foreclosed		*204,106							49,787	
Real estate otherwise acquired										
Other property	15,059	1,274	149						1,515	
Total	76,525	339,697	4,469	7,608					214,631	1,191
									715,445	15,226
Grand total assets or liabilities	1,271,652	1,908,531	1,796,430	130,908					4,215,047	25,052
									12,091,773	109,458
<i>Miscellaneous.</i>										
Dividends declared in year	8.	7.	6.						7.	
	10,382	22,583	45,000						70,280	12
									312,000	6
Loaned during the year	114,406	305,551	153,825	44,600					681,800	17,214
Received from borrowers (principal and interest)	176,796	320,826	290,860	6,269					723,500	5,798
Re-vent from depositors			430,294	454,596					250,049	
Re-paid depositors			494,015	430,807					320,946	
Debentures issued	73,000	170,961	136,157						515,000	
Debentures repaid	69,277	37,820	104,878						387,000	
Debentures to mature within one year	211,043	181,244	143,285						486,845	
									1,329,508	
Average rate of interest	4.26	4.46	4.53						4.43	
		4.43	3.40	5.00					3.94	
Interest paid and accrued	46,559	68,374	30,724						117,400	
			7,223	1,840					6,241	
Cost of management	19,423	13,533	13,703	2,054					28,221	
									90,947	536
Invested and secured by mortgage { In Ontario	1,255,392	1,890,706	1,328,818	123,125					3,111,500	23,861
			120,103						868,713	
									1,500,900	
Mortgages by instalments	12,695	714,846	58,481						182,574	
Mortgages at stated period	1,242,637	1,173,869	1,390,440	123,125					3,797,639	4,707
Average interest on total amount secured by mortgage	6.70	6.36	6.69	6.00					1,286,068	19,154
Average interest on amount loaned on mortgage in year	6.53	6.65	6.73	6.00					7.00	6.00
									7.00	6.00
Mortgages on which compulsory proceedings have been taken	6	13	11						43	
	16,273	27,025	30,322						55,790	439,801
Value of mortgaged property held for sale	38,404	120,000							256,714	
Amount chargeable against such property	38,404	118,785							256,714	

* Acquired by foreclosure or otherwise. † Members only for dues. ‡ Including \$849,315 of debenture stock at 4 per cent. † In Trusts to Corporation of Ontario.
 ‡ 6.70 per cent. in Ontario, 8 per cent. elsewhere. † 14 per cent. on prepaid stock and 25½ per cent. on instalment stock.

TABLE I. LOAN AND INVESTMENT COMPANIES.—Continued.

Schedule.	Farmers' Loan, Toronto.	Freehold Loan, Toronto.	Home Savings, Toronto.	Imperial Loan, Toronto.	Land Security, Toronto.	London and Canadian, Toronto.	London and Ontario, Toronto.	North British Canadian, Toronto.	North of Scotland, Toronto.	Ontario Industrial, Toronto.	People's Loan, Toronto.
<i>Capital Stock.</i>											
Capital authorised	1,057,250	3,800,000	2,000,000	1,000,000	5,000,000	5,000,000	2,500,000	2,433,333	3,650,000	500,000	600,000
Capital subscribed	1,057,250	3,223,500	1,750,000	629,850	1,382,300	5,000,000	2,500,000	2,433,333	3,650,000	466,800	600,000
<i>Liabilities.</i>											
<i>Liabilities to stockholders:</i>											
Stock fully paid up	500,000	843,000									
Stock on which has been paid	111,450	476,100	175,000	626,350	548,498	700,000	500,000	486,667	750,000	256,317	600,000
Accumulating stock				1,139							
Reserve fund	137,249	648,918	135,000	135,000	550,000	375,300	140,000	87,600	311,467	190,000	112,000
Dividends declared and unpaid	21,400	52,764	6,125	21,962	27,415	28,000	17,500	17,542	36,500	11,001	21,000
Contingent fund and unappropriated profits		58,533	16,542	5,459	41,901	16,522		\$38,666	6,516	10,132	9,928
Total	770,079	2,079,315	332,667	789,910	1,167,814	1,119,522	637,500	630,475	1,084,483	525,450	742,928
<i>Liabilities to the public:</i>											
Deposits	445,166	744,846	1,699,279	47,210	194,563			25,030		71,398	426,469
Debentures payable in Canada	249,780	638,613		203,900	471,535	36,500	465,873				163,100
Debentures payable elsewhere	455,374	2,596,146		961,061	176,514	\$3,416,466	1,824,384	1,810,757	\$12,800,411		21,900
Interest on debentures due and accrued	15,994	66,371		25,836	4,006	23,858	18,461	11,944			2,604
Interest on deposits due and accrued		13,115	58,421	3,126	3,614					1,705	
Owing to banks											
Other liabilities			2,500	1,000	133,925	15,203	3,280	6,569	5,169	133,889	344
Total	1,166,323	4,061,091	1,760,200	1,242,153	984,157	3,492,027	2,311,998	1,894,330	2,805,580	256,992	614,417
<i>Secured loan assets:</i>											
Real estate of—											
General borrowers	1,810,612	5,293,703	938,133	1,964,188	946,708	3,597,701	2,676,951	2,193,244	3,625,462	229,113	1,219,526
Directors and executive officers of company			23,799								
Held under power of sale	55,570	312,751	1,123	3,000	23,443	247,524	104,402	120,347			63,653
Shareholders' stock	7,736	35,662	4,732	5,224						5,467	6,927
Directors and officers of company on their stock			3,932								
Otherwise secured			*970,222		391,653	160,765			50	238	155
Total	1,873,918	5,642,116	1,961,941	1,972,412	1,009,804	4,005,990	2,781,353	2,313,591	3,625,512	234,818	1,290,261

TABLE I. LOAN AND INVESTMENT COMPANIES.—Continued.

Schedule.	Real Estate Loan, Toronto.	Scottish Ontario and Manitoba, Toronto.	Sons of England Building, Toronto.	Toronto General Trusts, Toronto.	Toronto Land and Loan, Toronto.	Toronto Savings and Loan, Toronto.	Trust and Loan, Toronto.	Union Loan, Toronto.	Western Canada Loan, Toronto.	Oxford Permanent Loan, Woodstock.
<i>Capital Stock.</i>										
Capital authorised.....	2,000,000	2,433,333	1,000,000	1,000,000	1,000,000	2,000,000	14,600,000	1,000,000	3,000,000	Unlimited
Capital subscribed.....	1,326,600	1,216,697	40,000	1,000,000	104,900	400,000	7,300,000	1,000,000	3,000,000	242,450
<i>Liabilities.</i>										
<i>Liabilities to stockholders:</i>										
Stock fully paid up.....	401,050	608,333	2,000	128,611	76,369	400,000	1,581,667	599,680	1,000,000	230,550
Stock on which has been paid.....	66,833	608,333	4,397	128,611	76,369	4,397	1,581,667	79,880	500,000	2,554
Accumulating stock.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reserve fund.....	.....	38,933	.....	206,000	1,015	50,000	792,604	245,000	170,000	20,000
Dividends declared and unpaid.....	.....	122	.....	6,431	.....	12,000	.....	26,903	73,000	7,812
Contingent fund and unappropriated profits.....	1,339	*242,470	443	17,675	10,013	3,323	91,357	17,650	100,632	6,615
Total.....	469,222	889,858	6,840	358,717	87,427	465,323	2,405,088	969,143	2,445,632	207,531
<i>Liabilities to the public:</i>										
Deposits.....	280	11,972	.....	.....	3,043	28,976	.....	408,160	1,110,198	98,487
Debentures payable in Canada.....	.....	.....	.....	.....	.....	329,500	.....	134,997	423,250	.....
Debentures payable elsewhere.....	.....	329,674	.....	.....	.....	.....	4,750,153	966,019	2,885,737	.....
Interest on debentures due and accrued.....	.....	2,250	.....	.....	.....	9,062	.....	.....	36,410	.....
Interest on deposits due and accrued.....	.....	75	.....	.....	.....	25	.....	.....	22,000	.....
Owing to banks.....	.....	.....	16,579	3,000	.....	.....	.....	.....	.....	.....
Other liabilities.....	.....	11,974	13,456,662	59,951	8,000	186,314	154,180	.....	29,837	397
Total.....	280	355,975	.....	3,473,241	65,994	554,137	4,904,335	1,509,146	4,507,462	98,884
<i>Assets.</i>										
<i>Secured loan assets:</i>										
Real estate of—										
General borrowers.....	88,218	170,013	6,400	3,469,993	50,433	53,550	5,508,025	2,184,656	6,399,998	316,560
Directors and executive officers of company.....	.....	.....	.....	.....	.....	.....	68,424	105,460	275,785	9,254
Held under power of sale.....	134,000	62,218	150	.....	.....	.....	.....	12,355	12,501	12,375
Shareholders' stock.....	1,281	.....	.....	.....	.....	.....	.....	.....	566	.....
Directors of officers of company on their stock.....	.....	14,564	.....	11,059	.....	.....	4,570	1,000	.....	.....
Otherwise secured.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	223,529	246,795	6,550	3,481,052	90,433	53,550	5,981,019	2,303,671	6,688,850	338,189

Property assets:

Municipal and school section securities, cash value.

Office furniture and fixtures

Cash on hand

Cash in banks

Special deposit in banks

Office premises

Real estate absolutely foreclosed.

Real estate otherwise acquired

Other property

Total

Grand total assets or liabilities

Miscellaneous.

Dividends declared in year. { Rate per cent. { Amount.

Loaned during the year

Received from borrowers (principal and interest)

Received from depositors

Repaid depositors

Debentures issued

Debentures repaid

Debentures to mature within one year

Average rate of interest. { For debentures { For deposits

Interest paid and accrued. { On debentures. { On deposits.

Cost of management

Inves ed and secured by mortgage. { In Ontario { Elsewhere

Mortgages by instalments

Mortgages at stated period.

Average interest on total amount secured by mortgage

Average interest on amount loaned on mortgage in year

Mortgages on which compulsory pro- Number

ceedings have been taken. { Amount.

Value of mortgaged property held for sale

Amount chargeable against such property

* Including \$242,113 paid in anticipation of calls, + Including for High Court of Justice \$1,855,143 and for Trusts and Agencies \$1,591,403, † Including for Lunatic estates \$36,464. ‡ Including \$407,453, Loan, Insurance and Trust Company Stocks. § Including \$344,263 Dominion securities and \$377,532 Consols and bonds.

LOAN AND INVESTMENT COMPANIES.

TABLE II. Summary statement showing totals of all companies reporting for the five years 1887-91

Schedule.	1891.	1890.	1889.	1888.	1887.
Number of companies reported.....	71	67	71	64	55
<i>Capital Stock.</i>	\$	\$	\$	\$	\$
Capital authorised.....	164,887,249	102,782,249	99,824,249	96,246,249	79,575,583
Capital subscribed.....	76,152,817	70,672,710	69,694,221	67,939,559	56,114,310
<i>Liabilities.</i>					
Liabilities to stockholders:					
Stock fully paid up.....	13,727,950	12,498,330	12,149,509	11,617,271	11,342,861
Stock on which has been paid.....	18,608,795	18,688,567	18,569,883	18,470,826	15,423,167
Accumulating stock.....	100,688	99,836	107,935	205,839	222,602
Reserve fund.....	9,896,475	9,288,795	8,711,107	8,030,118	7,254,105
Dividends declared and unpaid.....	940,995	952,907	985,602	955,644	885,736
Contingent fund and unappropriated profits.....	1,134,514	1,145,117	1,105,951	828,463	776,092
Total.....	44,379,397	42,673,552	41,629,987	40,108,161	35,910,563
Liabilities to the public:					
Deposits.....	18,176,765	17,103,403	16,942,965	16,560,766	17,533,413
Debentures payable in Canada.....	7,910,676	7,654,504	7,622,256	6,578,122	5,500,622
Debentures payable elsewhere.....	41,023,249	38,435,990	36,712,825	34,857,050	26,722,070
Interest on debentures due and accrued.....	433,954	397,599	683,322	619,070	587,484
Interest on deposits due and accrued.....	283,310	296,847	214,046	131,903	155,326
Owing to banks.....	91,480	269,094	791,742	793,264	678,189
Other liabilities.....	4,837,715	1,386,762			
Total.....	72,757,149	65,544,199	62,967,156	59,540,175	51,177,104
<i>Assets.</i>					
Secured loan assets:					
Real estate of—					
General borrowers.....	97,780,207	92,001,824	91,536,309	85,578,993	74,954,076
Held under power of sale.....	3,881,150	3,006,109			
Directors and executive officers of company.....	94,158	182,724	207,965	169,777	252,957

Shareholders' stock	521,659	609,797	602,567	709,137	852,267
Directors and officers of company on their stock	158,507	147,110	149,375	126,482	177,465
Otherwise secured	2,429,344	2,163,468	2,170,651	2,458,801	2,799,089
Total	104,365,025	98,111,032	94,666,887	89,042,190	79,035,804
Property assets:					
Municipal and school section securities, cash value	1,072,558	892,101	936,271	1,159,113	1,153,165
Office furniture and fixtures	24,690	24,424	27,182	30,385	27,372
Cash on hand	109,684	101,785	101,376	63,768	74,063
Cash in banks	2,637,761	2,002,822	2,501,983	2,316,875	2,127,308
Special deposit in banks	1,344,903	640,697	1,001,508	869,650	751,971
Office premises	1,270,095	1,028,296	1,095,197	1,095,197	1,095,197
Real estate absolutely foreclosed	760,200	900,612	2,283,817	6,166,355	8,917,994
Real estate otherwise acquired	3,465,404	2,589,190	1,982,922	10,606,146	8,051,863
Other property	2,086,226	1,926,792	9,990,256	99,648,336	87,087,667
Total	12,771,521	10,106,719	104,597,143	7.28	7.55
Grand total assets or liabilities	117,136,546	108,217,751	2,202,217	2,152,377	2,021,207
Miscellaneous.					
Dividends declared in year	7.12	7.21	7.06	7.28	7.55
{ Rate per cent.	2,309,701	2,250,927	2,202,217	2,152,377	2,021,207
{ Amount					
Loaned during the year	19,124,870	18,542,000	21,795,945	18,567,954	17,162,412
Received from borrowers (principal and interest)	22,096,610	20,469,955	21,353,871	20,393,404	18,987,927
Received from depositors	23,968,569	23,347,971	24,734,347	23,001,584	25,283,071
Repaid depositors	23,224,399	23,416,074	24,583,550	24,261,630	25,283,441
Debentures issued	3,400,632	10,564,009	11,387,398	8,736,777	6,263,884
Debentures repaid	6,783,889	8,523,124	7,578,661	5,944,268	4,346,294
Debentures to mature within one year	8,236,001	7,856,937	10,230,949	10,527,983	5,777,979
Interest paid and accrued	2,147,903	2,035,921	2,015,084	1,906,741	1,552,621
{ On debentures	743,903	710,285	680,570	710,636	685,138
{ On deposits					
Cost of management	877,141	846,950	843,390	838,906	685,905
Invested and secured by mortgage	101,373,476	95,245,657	91,574,215	86,728,523	75,494,963
Mortgages by instalments	29,388,316	28,283,503	29,233,503	32,337,689	30,001,162
Mortgages at stated period	71,985,160	66,960,154	62,340,712	54,390,834	45,493,801
Mortgages on which compulsory proceedings have been taken. {	892	805	707	820	688
{ Number	2,081,364	1,899,209	1,890,647	1,834,890	1,419,012
{ Amount					
Value of mortgaged property held for sale	3,564,646	3,199,209	3,026,619	3,196,160	2,491,788
Amount chargeable against such property	3,451,812	3,006,109	2,860,394	2,969,480	2,130,465

LOAN AND INVESTMENT COMPANIES.

TABLE III. Showing comparative statistics of 54 companies reporting for the five years 1887-91.

Schedule.	1891.	1890.	1889.	1888.	1887.
	\$	\$	\$	\$	\$
Capital subscribed.....	60,381,017	61,280,660	60,331,132	57,335,159	56,048,310
<i>Liabilities.</i>					
Liabilities to stockholders:					
Stock paid in and accumulating stock.	28,939,751	28,871,418	28,468,476	27,511,217	26,932,431
Reserve fund.....	9,230,931	8,927,162	8,369,624	7,666,384	7,241,765
Dividends declared and unpaid.....	867,292	893,632	929,638	899,906	885,736
Contingent fund and unappropriated profits.....	796,109	832,667	801,055	773,730	774,500
Total.....	39,834,083	39,524,879	38,568,793	36,851,237	35,834,432
Liabilities to the public:					
Deposits.....	17,658,123	16,893,287	16,823,175	16,519,063	17,533,413
Debentures payable in Canada.....	6,873,944	7,047,214	7,089,355	5,949,676	5,500,622
Debentures payable elsewhere.....	35,736,764	33,291,108	31,601,564	29,078,893	26,722,070
Interest on deposits and debentures due and accrued.....	656,673	648,231	638,689	570,858	587,484
Owing to banks.....	62,290	217,175	171,320	114,852	155,326
Other liabilities.....	1,165,976	1,355,309	749,789	714,753	678,189
Total.....	62,153,770	59,452,324	57,073,892	52,948,095	51,177,104
<i>Assets.</i>					
Secured loan assets:					
Real estate of—					
General borrowers.....	88,909,392	87,164,087	84,046,586	77,786,343	74,907,069
Directors and executive officers of company.....	59,158	158,724	188,565	164,977	252,957
Shareholders, directors and officers of company on their stock.....	668,951	755,307	748,632	829,150	1,028,519
Otherwise secured.....	2,399,999	2,141,204	2,125,691	2,413,756	2,799,039
Total.....	92,037,500	90,219,322	87,109,474	81,194,226	78,987,584
Property assets:					
Municipal and school section securities, cash value.....	1,003,388	820,251	857,174	1,078,462	1,061,151
Office premises, furniture and fixtures.....	1,159,643	1,049,333	1,025,157	896,501	779,343
Cash on hand and in banks.....	3,554,344	2,585,755	2,399,847	2,102,288	2,189,670
Real estate absolutely foreclosed or otherwise acquired.....	2,674,349	2,493,194	2,468,151	2,528,241	2,203,676
Other property.....	1,558,629	1,809,348	1,782,882	1,999,614	1,790,112
Total.....	9,950,353	8,757,881	8,533,211	8,605,106	8,023,952
Grand total assets or liabilities.	101,987,853	98,977,203	95,642,685	89,799,332	87,011,536
<i>Miscellaneous.</i>					
Dividends declared in year.....	2,144,548	2,138,647	2,097,321	2,032,336	2,017,476
Loaned during the year.....	16,797,699	17,263,028	20,391,348	17,048,536	17,160,053
Received from borrowers (principal and interest).....	19,943,157	19,114,906	19,941,762	18,820,162	18,987,927
Received from depositors.....	22,977,548	22,856,709	24,419,674	22,918,698	25,283,071
Repaid depositors.....	22,372,207	23,028,209	24,357,831	24,188,350	25,283,441
Debentures issued.....	8,534,899	9,908,610	10,505,870	7,958,544	6,263,884
Debentures repaid.....	6,256,158	7,974,017	6,868,817	5,123,871	4,346,294
Debentures to mature within one year.	7,463,630	6,966,372	9,089,983	9,033,705	5,777,979
Interest paid and accrued (On debentures.....)	1,860,951	1,764,534	1,741,483	1,592,484	1,552,621
Interest paid and accrued (On deposits.....)	723,271	702,140	676,871	708,708	685,138
Cost of management.....	757,619	767,158	763,390	748,327	684,966
Mortgages on which compulsory proceedings have been taken (No.)	845	733	716	735	688
Value of mortgaged property held for sale	1,956,779	1,779,796	1,746,794	1,670,733	1,419,012
Amount chargeable against such property	3,059,736	2,799,362	2,611,812	2,719,277	2,475,568
	2,959,009	2,606,651	2,446,634	2,493,399	2,174,245

LOAN AND INVESTMENT COMPANIES.

TABLE IV. Comparative statement showing the amount loaned in each year, with a yearly average for the five years 1887-91, by the 54 companies that have reported for the full period.

Companies.	1891.	1890.	1889.	1888.	1887.	Average 1887-91.
	\$	\$	\$	\$	\$	\$
<i>Toronto:</i>						
Bristol and West of England	114,406	238,143	231,073	229,431	258,202	214,851
Building and Loan	153,826	285,400	331,079	289,973	263,431	264,742
Canada Landed Credit	681,800	211,297	252,550	237,547	291,325	557,115
National Investment Association. }		218,440	316,076	299,236	274,303	
Canada Permanent Loan	1,612,056	2,115,035	2,276,984	2,122,103	1,416,069	1,908,458
*Dovercourt Land and Building						
Farmers' Loan	309,709	440,425	391,567	308,119	368,263	363,617
Freehold Loan	866,559	1,122,186	1,459,559	823,144	1,289,036	1,112,097
Home Savings	1,935,977	1,464,209	1,586,866	1,387,119	1,222,707	1,519,394
Imperial Loan	526,498	351,599	453,068	469,764	661,421	492,470
Land Security	238,483	290,735	619,854	476,965	354,019	396,017
London and Canadian Loan	495,126	627,732	608,605	605,581	774,782	622,365
North of Scotland Mortgage	476,000	456,892	841,811	486,653	481,203	548,512
Ontario Industrial Loan	36,142	59,575	174,431	108,974	75,948	91,014
People's Loan	145,446	161,824	297,205	242,067	248,628	219,034
Real Estate Loan	75,800	170,748	72,894	20,504	7,484	69,486
Toronto Land and Loan	3,022	15,259	64,695	9,528	42,107	26,922
Trust and Loan	809,438	1,080,875	776,601	917,430	641,985	845,266
Union Loan	449,661	580,242	672,855	435,998	429,371	503,625
Western Canada Loan	900,052	1,105,056	1,224,811	1,303,682	1,105,339	1,127,788
<i>London:</i>						
Agricultural Savings	179,060	133,798	301,479	216,853	303,557	226,949
Canadian Savings	248,478	185,487	242,036	190,843	300,418	233,452
Dominion Savings	847,696	990,823	276,468	391,896	458,215	347,620
Empire Loan		68,369	69,694	53,844	81,092	
Huron and Erie Loan	706,605	737,013	937,176	736,594	540,713	731,620
London Loan	506,713	200,470	290,526	200,805	218,814	283,466
†Ontario Investment Association	3,493	5,002	6,099	42,496	412,346	93,847
Ontario Loan	645,023	458,585	588,325	619,880	618,381	586,039
Royal Standard Loan	86,940	44,472	52,106	23,670	71,466	55,731
<i>St. Thomas:</i>						
Elgin Loan	37,400	30,124	123,682	19,701	68,283	55,838
Southern Loan	93,859	42,942	101,977	83,532	94,062	83,274
Southwestern Farmers' Loan	35,337	15,937	56,219	36,767	48,638	38,584
Star Loan	54,967	65,314	46,299	44,924	65,513	55,409
<i>Hamilton:</i>						
Hamilton Provident and Loan	747,150	621,370	624,245	751,309	616,136	712,042
Hamilton Homestead Loan	17,364	14,814	10,718	17,032	23,584	16,702
Landed Bank ng and Loan	385,308	258,147	371,083	341,688	324,486	336,142
<i>Kingston:</i>						
Frontenac Loan	147,916	52,039	70,080	70,772	56,076	79,377
Ontario Building	90,639	31,703	64,173	135,367	133,130	92,002
<i>Sarnia:</i>						
Huron and Lambton Loan	80,352	142,677	156,072	94,386	131,657	121,029
Lambton Loan	133,649	203,750	213,918	212,760	265,744	205,964
<i>Other places:</i>						
Hastings Loan	96,396	72,004	26,140	49,571	71,312	61,285
Royal Loan	155,242	154,666	203,467	214,873	200,638	185,777
Chatham Loan	90,957	48,743	91,627	47,544	74,257	71,226
Huron and Bruce	29,143	46,415	29,854	34,024	57,054	39,298
Guelph and Ontario	356,906	248,962	287,584	316,010	337,054	309,303
Guelph and Ontario	4,867	2,388	93	6,477	705	2,906
Orangeville Building	71,147	98,561	102,045	88,895	114,518	91,033
Ontario Loan	39,363	50,408	47,061	57,777	34,364	45,795
Metropolitan Loan	500,840	741,276	1,684,371	713,401	317,401	791,458
Central Canada	29,753	47,565	51,606	24,231	18,005	34,232
Crown Savings	223,738	180,519	202,514	153,444	171,591	186,361
Midland Loan	115,396	135,937	134,761	149,603	197,876	145,315
Security Loan	186,127	157,449	223,938	127,811	253,495	189,774
British Mortgage	19,874	29,497	45,278	14,938	72,789	36,475
Oxford Permanent						
Total for 54 companies	16,797,699	17,263,028	20,301,348	17,048,536	17,163,353	17,732,133

* No loans stated in returns, but mortgages are given for balances due in land purchased. † In liquidation.

PART V.

CHATTEL MORTGAGES.

The second annual returns of chattel mortgages required to be made by Clerks of the County Courts to the Minister of Agriculture have been received. The compilation of these has as usual been entrusted to this Bureau. After considerable correspondence and rather dilatory replies to our endeavors to eliminate apparent discrepancies in several returns, the reports are all complete. They have been summarised in two ways, (1) by county court divisions, and (2) by occupations or callings of the mortgagors. Great difficulty seems to be experienced in classifying the instruments by occupations, each Clerk placing his own construction upon it. The general term, for instance, as manufacturer is used by many instead of the specific industry such as is adopted by the majority. Not having access to the instruments themselves, we have therefore of necessity followed the classification given in the return as far as amended by correspondence.

In all cases instructions were given that "the returns shall not include instruments which have lapsed by reason of non-renewal."

Table I classifies the aggregate of instruments by counties, while the following summary shows the number and amount of chattel mortgages on record and undischarged in the province on December 31, of the years 1889, 1890 and 1891:

Chattel mortgages on record and undischarged.	1891.		1890.		1889.	
	No.	Amount.	No.	Amount.	No.	Amount.
To secure existing debt or present advance...	18,902	\$ 8,595,417	17,271	\$ 8,121,316	15,629	\$ 6,973,837
To secure future indorsation or advance....	516	908,971	632	857,542	585	518,071
Total	19,418	9,504,388	17,903	8,978,858	16,214	7,491,908

It will be seen that the number of chattel mortgages has increased in 1891 by 1,515 as compared with an increase of 1,689 in 1890, while the amount increased in 1891 by \$525,530 against \$1,486,950 in 1890. The increase in 1890 was due chiefly to the large advances required by lumbermen in that year, while in Table II it will be found that the liability of this class on their chattels in 1891 was greatly diminished. The average chattel mortgage on record at the end of 1891 was \$489 as compared with \$502 in 1890 and \$462 in 1889.

In the following table the compilation is by county groups:

Districts.	1891.		1890.		1889.	
	No.	Amount.	No.	Amount.	No.	Amount.
		\$		\$		\$
Lake Erie.....	2,790	980,671	2,625	936,817	2,087	696,471
Lake Huron.....	1,993	657,862	1,872	618,978	1,503	414,642
Georgian Bay	2,006	723,291	1,919	694,746	1,932	569,414
West Midland	2,800	1,293,456	2,463	1,201,424	2,324	1,095,364
Lake Ontario.....	4,479	2,552,273	4,306	2,280,734	4,084	2,539,027
St. Lawrence and Ottawa.....	2,900	1,379,862	2,475	1,067,231	2,218	1,120,099
East Midland	1,619	610,665	1,576	752,620	1,470	679,519
Northern Districts.....	831	1,306,308	667	1,425,308	596	377,372
The Province.....	19,418	9,504,388	17,903	8,978,858	16,214	7,491,908

The number of mortgages has increased in every group of counties, but only in the last two has the amount been diminished.

Our investigations, however, lead us to particularise the class 'farmers,' and the following table shows the growth or falling off of the chattel debt of this class by groups of counties and for the province as it stood on December 31, 1889, 1890 and 1891 :

Districts.	1891.		1890.		1889.	
	No.	Amount.	No.	Amount.	No.	Amount.
		\$		\$		\$
Lake Erie.....	1,788	400,273	1,674	443,172	1,108	261,788
Lake Huron.....	1,354	326,030	1,429	397,627	1,097	269,245
Georgian Bay.....	1,570	395,805	1,481	357,255	1,474	283,348
West Midland.....	1,362	477,591	1,434	528,131	1,250	464,283
Lake Ontario.....	1,776	708,373	1,666	729,368	1,564	732,676
St. Lawrence and Ottawa....	1,513	384,306	1,376	352,903	1,090	273,182
East Midland.....	1,107	320,606	1,123	355,005	952	313,196
Northern Districts.....	519	84,617	378	59,836	302	49,840
The Province.....	10,989	3,097,601	10,561	3,223,297	8,877	2,647,558

The number of instruments has increased but not to such an extent as in 1890. On the other hand the aggregate value has diminished so that the average chattel mortgage outstanding against the farmer so borrowing was \$282 in 1891 against \$305 in 1890 and \$298 in 1889. Nearly 57 per cent. of the total number of instruments on record in 1891 are classed as farmers, the ratio ranging from 40 per cent. in the Lake Ontario counties to 78 per cent. in the Georgian Bay group (Grey and Simcoe).

CHATTEL MORTGAGES—BY COUNTY DIVISIONS.

TABLE I. Showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages and Renewals on record and undischarged on January 1 and December 31, 1891.

Counties or Districts.	Chattel mortgages on record January 1, 1891.				Chattel mortgages on record December 31, 1891.			
	To secure existing debt.		For future indorsation.		To secure existing debt.		For future indorsation.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
		\$		\$		\$		\$
*Algoma and Nipissing.....	317	727,398	8	414,786	413	516,140	11	420,473
Brant.....	404	170,872	23	7,656	443	180,767	2	402
Bruce.....	877	286,698	13	5,299	847	289,576	13	2,052
Carleton.....	587	362,310	9	28,447	627	426,144	11	14,643
Dufferin.....	194	65,330	19	9,311	246	73,130	13	6,157
Elgin.....	387	124,206	34	8,884	399	145,871	28	8,147
Essex.....	540	168,639	44	13,215	501	196,985	40	18,510
Frontenac.....	341	126,729			420	151,063		
Grey.....	1130	314,750			1220	329,982		
Haldimand.....	196	57,443	1	250	222	50,051	1	310
Haliburton.....	95	74,576			84	12,492		
Halton.....	136	56,017			166	62,448	2	1,518
Hastings.....	775	232,731	48	20,596	835	259,215	40	19,801
Huron.....	467	148,987	111	48,809	541	173,191	32	16,374
Kent.....	877	310,326	29	18,257	956	285,074	38	8,842
Lambton.....	363	117,879	41	11,306	497	145,225	63	31,444
Lanark.....	196	67,314	1	3,906	201	104,417	11	8,984
Leeds and Grenville.....	347	132,483	13	5,698	414	152,248		
Lennox and Addington.....	195	80,357	5	4,120	210	91,719	7	4,752
Lincoln.....	276	188,333	9	2,956	257	124,417	20	17,607
Middlesex.....	549	284,367	1	3,000	760	302,517	6	6,206
Muskoka and Parry Sound.....	340	252,904	2	31,220	396	260,719	11	108,976
Norfolk.....	232	57,106	10	1,941	268	78,301		
Northumberland and Durlam.....	697	355,896	43	18,716	740	369,444	6	5,071
Ontario.....	435	164,275	35	15,608	459	209,745	27	12,412
Oxford.....	309	135,725	2	35,000	323	141,038	3	14,342
Peel.....	159	137,257	1	202	171	115,554		
Perth.....	305	143,292	14	8,061	280	167,172	16	6,542
Peterborough.....	286	166,264	20	7,296	292	150,998	17	6,404
Prescott and Russell.....	232	77,849			258	107,009	1	150
Prince Edward.....	287	81,817	5	1,964	234	71,774	17	7,490
Renfrew.....	253	86,926	3	3,704	298	71,375	11	17,650
Simcoe.....	789	379,987			786	393,309		
Stormont, Dundas and Glengarry.....	289	82,438	4	4,050	423	205,187	8	21,581
Victoria.....	349	231,655	3	19,500	350	137,755	1	4,000
Waterloo.....	131	74,499	5	28,110	169	112,010	12	40,108
Welland.....	259	146,803	16	29,747	326	173,539	11	15,041
Wellington.....	469	209,686	18	23,515	509	214,970	18	28,095
Wentworth.....	455	303,932	22	19,410	523	320,016	13	24,037
York.....	1,746	934,351			1,838	1,199,490	6	10,850
The Province.....	17,271	8,121,316	632	857,542	18,902	8,595,417	516	908,971

*Including Manitoulin, Rainy River and Thunder Bay.

CHATTEL MORTGAGES—BY OCCUPATIONS.

TABLE II. Showing by occupations or callings of mortgagors the number and amount of Chattel Mortgages and Renewals on record and undischarged on January 1 and December 31, 1891 respectively in the province of Ontario.

Occupations.	Chattel mortgages on record January 1, 1891.				Chattel mortgages on record December 31st, 1891.			
	To secure existing debt.		For future indorsation.		To secure existing debt.		For future indorsation.	
	No.	Amount.	No.	Amount	No.	Amount.	No.	Amount
		\$		\$		\$		\$
Agent.....	237	73,263	6	4,672	274	101,302	7	10,133
Bailiff.....	12	1,915			13	1,986		
Baker and confectioner.....	92	31,016	2	500	103	38,457		
Barber.....	65	16,494	5	752	80	14,545	5	1,600
Barrister and solicitor.....	50	62,775	3	2,677	59	41,400	1	2,500
Billiard room.....	20	9,160			9	3,898		
Blacksmith.....	86	15,794	5	810	97	18,378	2	300
Boarding-house keeper.....	15	2,764			20	4,727		
Book-keeper and accountant.....	48	29,478			67	24,111	1	74
Brickmaker.....	43	25,221	2	365	39	31,393		
Builder and contractor.....	101	43,681	3	1,412	164	194,471	7	6,979
Butcher.....	155	43,083	5	1,270	175	44,147	1	172
Cabinet maker.....	20	13,628	4	1,849	26	11,667	2	365
Cabman.....	52	15,591			59	15,204	1	150
Carpenter.....	157	32,005	3	280	155	30,782	1	178
Carriage maker.....	48	38,155	1	116	61	30,372	3	578
Carter.....	22	3,609	1	15	56	10,017	4	663
Clergyman.....	23	5,062			14	4,916	1	1,200
Clerk.....	210	72,979			239	72,121	2	813
Coal and wood dealer.....	15	6,781	1	550	13	4,805		
Cooper.....	10	2,391			18	3,145		
Dairyman.....	38	17,098	2	541	43	9,925		
Druggist.....	60	63,147			63	74,679	5	2,378
Engineer.....	14	2,020			50	19,011		
Farmer (including yeoman).....	10,163	3,090,664	398	132,633	10,748	3,035,342	241	62,259
Furniture dealer.....	9	3,308			32	18,827	1	474
Gardener.....	46	7,074	3	250	67	14,399	1	50
Gentleman.....	221	134,872	9	5,784	204	94,091	8	17,099
Harness maker.....	36	8,577	1	100	36	10,491		
Hotel-keeper and liquor shop.....	536	510,911	10	9,504	554	636,473	18	6,070
Jeweller and watchmaker.....	61	59,022	2	2,564	52	40,399	3	1,619
Laborer.....	409	43,359	8	1,318	415	45,177	5	412
Laundryman.....	12	4,960	2	1,000	21	15,617	1	300
Livery keeper.....	139	86,133	3	2,242	181	123,304	6	6,782
Lumberman.....	128	1,096,697	7	474,465	124	727,318	16	519,076
Machinist.....	55	35,025			52	31,612		
Manufacturer.....	257	408,733	13	48,957	238	517,411	23	67,153
Marble dealer.....	5	922	1	80	13	2,623	3	351
Married woman.....	317	108,557	6	2,465	441	207,343	12	14,574
Merchant.....	519	701,111	32	76,337	584	632,166	62	135,655
Miller.....	53	38,999	5	4,215	71	29,851	6	12,953
Moulder.....	12	2,358	1	108	9	1,120		
Painter.....	51	8,550			63	12,100		
Photographer.....	35	10,940	1	100	39	9,978	3	312
Physician.....	56	26,568	1	880	64	33,774		
Plasterer.....	21	3,124	1	249	22	2,687		
Plumber.....	12	5,023			13	3,821	1	1,000
Printer and publisher.....	188	180,063	3	1,811	186	227,327	4	4,240
Salesman.....	16	2,883	1	750	11	4,633		
Saw-mill man.....	43	22,439	4	3,150	67	58,401	2	1,793
Shoemaker.....	43	14,314			50	13,876		
Tailor.....	62	21,707	1	3,000	75	25,834	1	100
Teamster.....	273	43,879	7	3,910	300	43,725	4	949
Tinsmith.....	22	9,237			22	7,317	1	300
Traveller.....	42	13,244			59	14,378	1	500
Undertaker.....	35	16,707	1	300	24	14,200		
Unmarried woman.....	61	14,189	3	1,949	46	19,498	5	1,961
Widow.....	137	44,986	5	1,256	187	56,174	2	406
All others.....	1,603	715,071	60	62,356	1,935	1,008,651	43	24,500
Total.....	17,271	8,121,316	632	857,542	18,902	8,595,417	516	908,971

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